



**Australian
Bureau of
Statistics**

**September Quarter 1992
Employed Wage and
Salary Earners
Australia**

Catalogue No. 6248.0

EMBARGOED UNTIL 11.30 A.M. 20 APRIL 1993

**EMPLOYED WAGE AND SALARY EARNERS
AUSTRALIA
SEPTEMBER QUARTER 1992**

IAN CASTLES
Australian Statistician

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INQUIRIES

- *for further information about statistics in this publication and the availability of related unpublished statistics, contact Mr Errol Preston on Canberra (06) 252 6511 or any ABS State office.*
 - *for information about other ABS statistics and services please refer to the back page of this publication.*
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SUMMARY OF FINDINGS

The Australian Bureau of Statistics (ABS) publishes two series of employment estimates.

The monthly Labour Force Survey collects data by interview from a sample of about 33,000 private and non-private dwellings, using trained interviewers. Self-employed persons are included in the Labour Force Survey. The estimates are published in *The Labour Force, Australia, Preliminary* (6202.0) and *The Labour Force, Australia* (6203.0).

The Survey of Employment and Earnings is a quarterly sample survey of approximately 11,000 private and 2,500 public employer units, selected from the ABS register of employers and conducted by mail. This publication contains estimates from the Survey of Employment and Earnings.

There are conceptual and methodological reasons for differences in the estimates produced by the two surveys. These are discussed in paragraphs 19-20 of the Explanatory Notes and in an *Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0). The two series should be seen as complementary and movements in them have generally been broadly consistent. In recent time periods the two surveys have shown some divergence in the estimates produced.

The ABS considers that the Labour Force series provides the better indicator of overall employment movements at the Australian and State level. The aggregate employment estimates in the quarterly National Accounts are based on that source.

The Survey of Employment and Earnings provides detailed estimates of employment at the State and industry level, with a dissection between public and private sector employment.

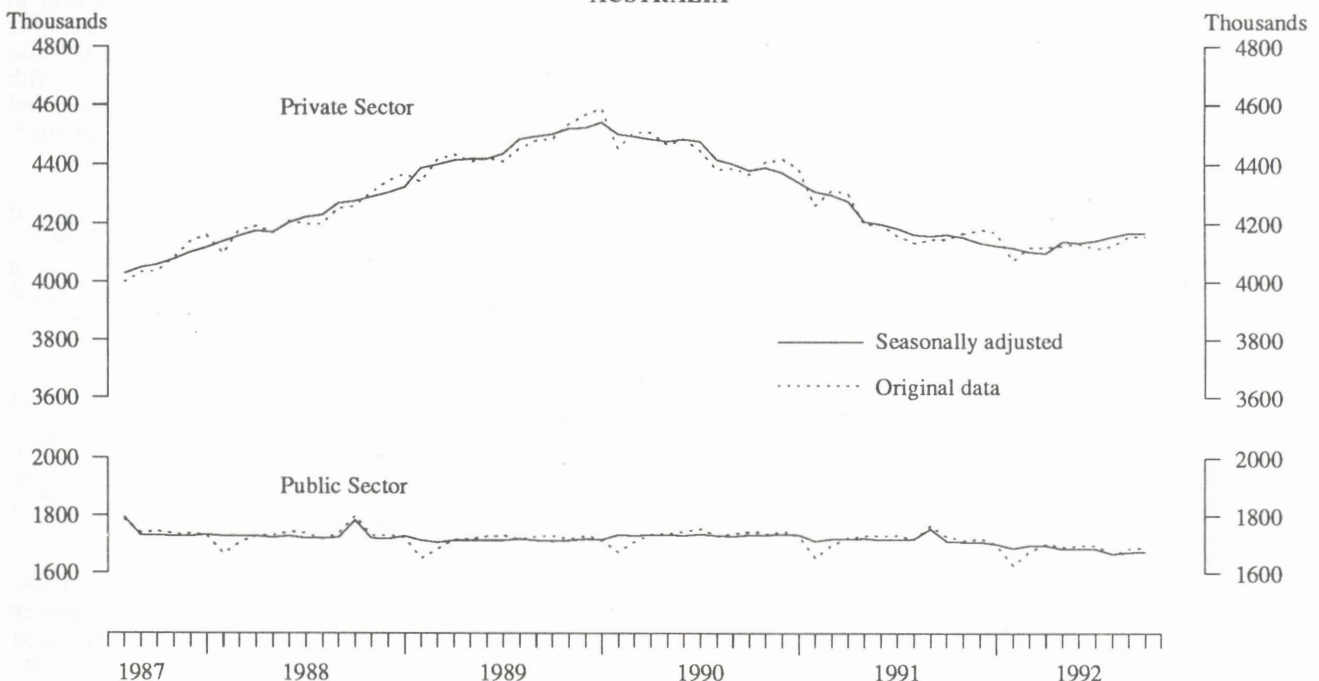
The ABS register of employers is dependent upon a range of updating sources. The primary source of information about new businesses is advice from the Australian Taxation Office of registrations for Group Employer purposes. Delays in registration, or advice to the ABS, will affect the timing of introduction of new employer units to ABS survey frameworks. Such delays will mean that differences will occur in measures of employment and other statistical data. For example, persons employed in a business which has recently commenced operations will be represented in estimates from the Labour Force Survey immediately, whereas their employment will not be reflected in estimates from the Survey of Employment and Earnings until after the ABS register of employers records the commencement of that business. There could be several months delay in this occurring.

Private and public sectors

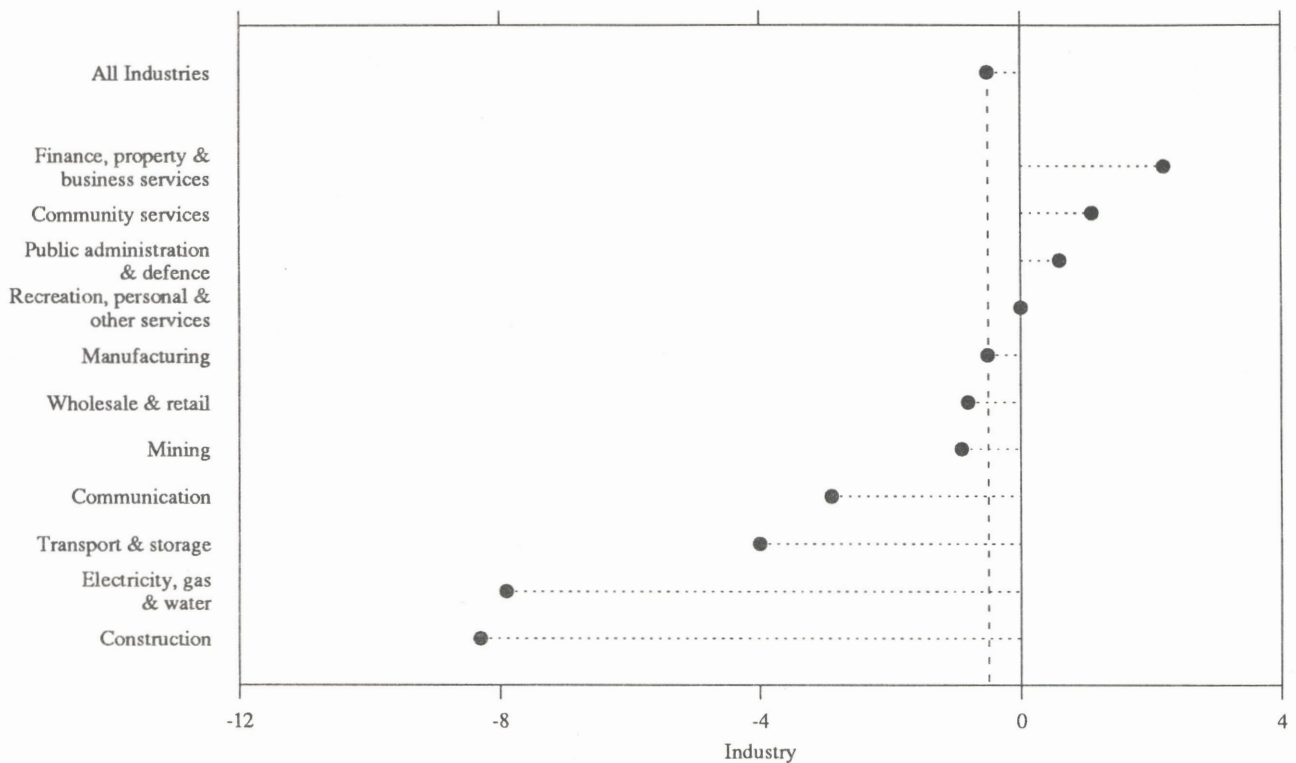
(The following analysis is based on seasonally adjusted statistical series.)

Diagram 1 below shows the number of wage and salary earners (employees) in both original and seasonally adjusted terms. Since June 1992, the number of private sector employees increased by 28,600 (0.7%) to 4,170,400. In the twelve months to September 1992, the number of private sector employees increased by 5,900 (0.1%). In the last five years, employment in the private sector grew steadily up to the end of 1989. From the start of 1990, private sector employment has declined steadily until March 1992, and then modest rises began to occur.

DIAGRAM 1. EMPLOYED WAGE AND SALARY EARNERS, SECTORS AUSTRALIA



**DIAGRAM 2: EMPLOYED WAGE AND SALARY EARNERS,
SEASONALLY ADJUSTED: AUSTRALIA, INDUSTRIES,
PERCENTAGE CHANGE IN EMPLOYMENT
SEPTEMBER 1991 - SEPTEMBER 1992**



Source: Table 11

In September 1987 the estimated number of employees in the private sector was 4,060,200. This estimate grew to 4,543,300 in December 1989, representing an average annual increase of 5.1 per cent over this period. Since December 1989, there was a steady decline to 4,101,000 in March 1992, with an annual average rate of decrease of 4.5 per cent. This estimate has risen by 1.7 per cent between March 1992 and September 1992.

Diagram 1 also shows a markedly different pattern for employment in the public sector which has remained relatively constant over the last five years. Since June 1992, the estimated number of public sector employees decreased by 8,200 (0.5%) to 1,677,400 in September 1992. A decrease of 35,700 (2.1%) occurred in the year to September 1992. In the five years to September 1992, the number of public sector employees decreased by 54,800 (3.2%), representing an average annual decrease over this period of 0.6 per cent.

The proportion of wage and salary earners employed in the private sector increased, from 70.1 per cent in September 1987, to 72.6 per cent in December 1989 and subsequently decreased to 70.1 per cent in March 1992. This proportion has risen to 71.3 per cent in September 1992.

Diagram 1 also shows the effects of a number of occurrences that have caused public sector employee estimates to either increase or decrease. In summary, these occurrences were: the cessation and later re-employment of temporary staff of the Community services industry at the end of the school year (December and January each year) and the employment of temporary staff to conduct the

July 1987 Federal Election, the September 1988 Referendum and the 1991 Census of Population and Housing (August 1991). Further details of these occurrences were provided in previous editions of this publication.

Industries

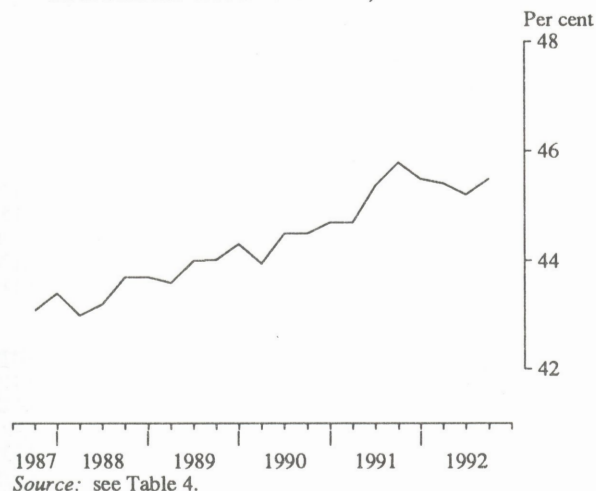
Note: Updating of the ABS register of businesses for public sector units resulted in changes in the industry to which some units are classified between the September 1991 and December 1991 quarters. This resulted in a rise in the estimate for the Public administration industry with corresponding falls occurring in the Construction and Community services industries between these quarters (refer to paragraphs 11-13 in the Explanatory Notes).

Diagram 2 shows the percentage change in employed wage and salary earners in the twelve months to September 1992 (seasonally adjusted) by industry. There was a decrease of 0.5 per cent in the number of employees for all industries from 5,877,600 in September 1991 to 5,847,800 in September 1992.

The Construction industry has shown a 8.3 per cent decrease in the number of employees from 278,400 in September 1991 to 255,400 in September 1992. The Electricity, gas and water industry showed a decrease in the number of employees of 7.9 per cent from 109,500 in September 1991 to 100,800 in September 1992.

Only three industries showed small increases in the number of employees in the twelve months to September 1992. Finance, property and business services increased by 2.2 per cent to 762,800 in September 1992. The Com-

**DIAGRAM 3. FEMALE WAGE AND SALARY EARNERS
AS A PERCENTAGE OF TOTAL, AUSTRALIA**



munity services industry and the Public administration and defence industry increased by 1.1 per cent and 0.6 per cent respectively in the number of employees in the twelve months to September 1992.

Male and female wage and salary earners

Estimates of male and female wage and salary earners relate to the middle month of each quarter and are presented only in original terms. For the year to August 1992, the number of female employees decreased by 1.8 per cent while the number of male employees decreased by 0.8 per cent.

Diagram 3 shows the number of female wage and salary earners as a proportion of total wage and salary earners. This proportion grew steadily from 43.1 per cent in August 1987 to 45.5 per cent in August 1992. (The seasonal fall, between November and February each year, was principally due to the decrease in the number of part-time female employees in the education component of the Community services industry.)

Full-time and part-time wage and salary earners

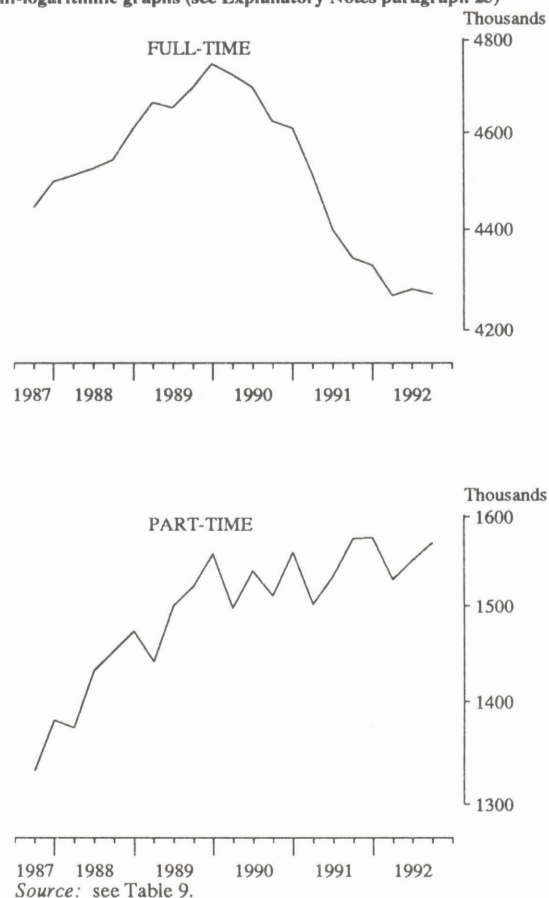
Estimates of full-time and part-time wage and salary earners also relate to the middle month of each quarter and are presented only in original terms.

Diagram 4 shows the changes in the number of full-time and part-time employed wage and salary earners over the last five years. The number of full-time employees rose steadily from August 1987 (4,444,300) to November 1989 (4,745,600) and then fell steadily to February 1992 (4,267,000). It has changed only slightly from February 1992 to August 1992 (4,271,900). The annual rate of growth in the nine quarters up to November 1989 was 3.0 per cent, and the subsequent fall to February 1992 was 4.6 per cent per annum.

Part-time employment fluctuates significantly between quarters compared to full-time employment. Over the last five years part-time employment has grown by 17.8 per cent, from 1,332,600 in August 1987 to 1,569,200 in August 1992. This is an annual growth rate of 3.3 per cent.

**DIAGRAM 4. EMPLOYED WAGE AND SALARY EARNERS,
PERSONS, AUSTRALIA**

Semi-logarithmic graphs (see Explanatory Notes paragraph 25)



Employer unit size

Estimates presented in Table 20 show the concentration of employees in the private sector employer units in three size ranges. The proportion of employees in the private sector employed by organisations with less than 20 employees has risen from 32.2 per cent in November 1989 to 36.6 per cent in August 1992. In the same period the proportion of employees in the private sector employed by organisations with 100 or more employees decreased from 45.0 per cent to 40.9 per cent. The proportion of employees in the private sector employed by organisations with 20-99 employees has remained relatively constant over the same period.

Earnings

Total earnings for employed wage and salary earners in the September quarter 1992 in original terms was estimated as \$40,450.7m. This was an increase of \$776.9m (2.0%) since the June 1992 quarter and a rise of \$1,397.3m (3.6%) since the same period in the previous year.

TABLE 1. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES, PERSONS
(*000)

Month	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
PRIVATE									
1988-September	1,518.9	1,226.8	636.9	335.7	353.9	97.9	36.5	54.0	4,260.6
1989-September	1,593.8	1,276.3	694.0	363.1	361.7	102.3	38.2	56.4	4,485.8
1990-September	1,578.9	1,232.2	649.2	362.5	352.4	96.4	40.8	55.6	4,367.9
1991—									
August	1,467.8	1,137.6	630.3	361.2	353.8	98.9	42.8	54.6	4,146.9
September	1,469.5	1,141.5	631.5	360.8	352.5	98.5	42.4	54.2	4,151.0
October	1,474.1	1,143.7	641.7	355.1	360.3	98.4	39.2	57.6	4,170.1
November	1,477.4	1,148.6	641.6	355.3	360.5	98.2	39.1	57.9	4,178.7
December	1,475.0	1,145.1	638.7	352.8	364.9	98.8	38.1	58.5	4,171.9
1992—									
January	1,435.8	1,134.4	632.0	328.1	356.0	94.5	32.3	59.1	4,072.3
February	1,454.9	1,142.3	636.8	331.9	360.6	96.9	33.5	62.2	4,119.1
March	1,452.3	1,145.7	638.0	330.3	363.9	96.6	33.2	62.6	4,122.5
April	1,464.8	1,125.1	640.8	333.4	368.8	98.6	32.4	63.8	4,127.6
May	1,465.8	1,123.7	642.3	335.4	369.8	97.7	32.6	64.2	4,131.5
June	1,459.7	1,116.5	642.8	332.4	371.0	96.0	33.2	63.7	4,115.3
July	1,462.6	1,114.8	645.9	323.0	384.5	96.4	35.2	63.3	4,125.6
August	1,468.6	1,127.7	652.7	327.4	385.3	94.9	36.2	63.6	4,156.4
September	1,471.0	1,129.3	650.0	324.4	386.6	95.4	36.4	63.8	4,156.9
PUBLIC									
1988-September	596.9	474.8	258.0	156.7	165.7	54.4	21.4	71.4	1,799.3
1989-September	561.5	456.3	252.2	150.6	161.5	53.2	22.2	70.0	1,727.5
1990-September	563.4	456.4	266.1	154.2	164.2	50.1	22.5	71.7	1,748.6
1991—									
August(a)	573.7	451.8	278.1	151.9	162.8	52.5	22.1	75.6	1,768.3
September	559.3	441.6	271.3	148.8	160.4	49.3	21.6	75.0	1,727.4
October	553.1	436.4	269.7	148.7	161.5	49.5	21.5	75.9	1,716.2
November	556.2	439.6	271.0	147.8	161.1	49.7	21.5	75.8	1,722.6
December	546.2	437.1	265.5	147.0	159.5	49.2	21.3	75.8	1,701.5
1992—									
January	516.5	416.7	260.8	142.3	156.5	45.8	20.7	70.1	1,629.3
February	541.6	423.7	268.6	146.6	158.8	45.9	20.7	70.6	1,676.6
March	552.5	427.4	274.0	149.0	160.0	48.2	20.9	71.3	1,703.3
April	543.2	430.0	270.2	146.3	160.3	49.5	20.6	72.0	1,692.0
May	545.2	432.0	271.3	145.7	162.1	49.2	20.7	71.8	1,698.0
June	549.1	433.1	273.0	147.1	160.3	47.7	20.8	71.6	1,702.7
July	519.8	427.9	270.4	146.2	160.0	49.9	20.4	70.9	1,665.6
August	537.5	432.6	270.2	144.7	159.0	49.5	20.2	71.1	1,684.8
September	538.2	436.2	271.4	145.2	161.2	47.3	20.3	71.7	1,691.5
PRIVATE AND PUBLIC									
1988-September	2,115.8	1,701.6	894.9	492.4	519.5	152.3	57.9	125.4	6,059.9
1989-September	2,155.3	1,732.6	946.2	513.7	523.1	155.5	60.4	126.4	6,213.2
1990-September	2,142.2	1,688.6	915.2	516.7	516.6	146.5	63.3	127.3	6,116.5
1991—									
August(a)	2,041.5	1,589.4	908.4	513.1	516.6	151.4	64.8	130.1	5,915.3
September	2,028.9	1,583.1	902.9	509.6	512.9	147.7	64.0	129.2	5,878.4
October	2,027.1	1,580.1	911.5	503.8	521.7	147.8	60.7	133.6	5,886.2
November	2,033.6	1,588.2	912.6	503.1	521.6	147.9	60.6	133.7	5,901.4
December	2,021.2	1,582.1	904.2	499.9	524.4	147.9	59.4	134.3	5,873.4
1992—									
January	1,952.2	1,551.1	892.7	470.4	512.5	140.3	53.0	129.2	5,701.5
February	1,996.5	1,566.0	905.4	478.5	519.5	142.8	54.2	132.8	5,795.7
March	2,004.7	1,573.2	912.0	479.2	523.9	144.7	54.1	133.9	5,825.8
April	2,008.0	1,555.1	911.0	479.7	529.1	148.1	53.0	135.7	5,819.6
May	2,011.0	1,555.7	913.6	481.2	531.9	146.9	53.4	135.9	5,829.5
June	2,008.9	1,549.6	915.7	479.5	531.2	143.7	54.0	135.3	5,818.0
July	1,982.4	1,542.7	916.3	469.2	544.6	146.3	55.6	134.2	5,791.2
August	2,006.1	1,560.3	922.9	472.1	544.2	144.3	56.5	134.8	5,841.1
September	2,009.2	1,565.5	921.4	469.5	547.8	142.8	56.7	135.5	5,848.4

(a) Includes temporary Population Census employees.

TABLE 2. EMPLOYED WAGE AND SALARY EARNERS, SEASONALLY ADJUSTED, STATES AND TERRITORIES, PERSONS ('000)

Month	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
PRIVATE									
1988-September	1,530.5	1,228.1	637.4	337.5	357.3	99.1	35.5	54.3	4,279.7
1989-September	1,604.1	1,276.6	694.3	365.4	365.7	103.4	37.0	56.7	4,503.3
1990-September	1,587.5	1,231.7	649.4	365.0	356.7	97.4	39.6	55.9	4,383.1
1991—									
August	1,476.9	1,137.3	629.5	363.7	357.2	99.4	41.4	54.1	4,159.5
September	1,476.8	1,140.6	631.7	363.5	356.9	99.4	41.2	54.5	4,164.5
October	1,469.3	1,139.6	633.2	358.0	358.3	99.2	38.2	56.4	4,152.2
November	1,463.3	1,136.1	630.0	355.5	357.5	98.2	38.6	56.4	4,135.5
December	1,458.6	1,128.9	632.5	354.6	358.8	97.1	38.8	57.0	4,126.3
1992—									
January	1,448.5	1,147.6	643.1	328.8	360.9	94.5	34.6	61.6	4,119.6
February	1,447.1	1,139.8	638.1	328.4	359.1	95.6	34.9	63.0	4,106.1
March	1,446.5	1,137.4	637.8	326.2	360.2	95.3	34.5	63.0	4,101.0
April	1,464.8	1,133.6	646.2	331.5	368.7	98.6	32.5	63.7	4,139.5
May	1,463.9	1,130.7	643.0	332.4	369.0	98.1	32.0	64.5	4,133.6
June	1,466.6	1,128.3	647.3	333.3	371.7	97.1	32.2	65.3	4,141.8
July	1,477.9	1,119.4	651.0	324.7	388.5	97.1	34.7	62.7	4,155.9
August	1,477.6	1,127.3	651.7	329.8	389.1	95.3	35.1	63.1	4,169.0
September	1,477.9	1,128.2	650.1	326.8	391.5	96.4	35.4	64.1	4,170.4
PUBLIC									
1988-September	590.4	471.3	257.3	155.5	164.0	54.0	21.3	71.6	1,785.0
1989-September	555.3	452.7	251.7	149.1	159.5	52.9	22.1	70.2	1,712.8
1990-September	557.5	452.6	265.7	152.6	162.1	50.0	22.4	71.9	1,733.8
1991—									
August(a)	570.6	448.3	276.7	150.8	161.9	51.5	22.2	75.9	1,756.5
September	553.5	438.3	271.0	147.2	158.3	49.2	21.5	75.2	1,713.1
October	551.7	435.5	268.3	147.4	161.1	49.0	21.4	76.1	1,710.4
November	551.9	437.4	269.2	146.5	159.2	48.8	21.3	75.9	1,710.1
December	548.2	436.9	267.7	146.1	160.9	48.1	21.2	76.1	1,704.7
1992—									
January	537.0	427.0	271.3	149.1	163.8	47.9	20.9	71.1	1,687.4
February	549.4	428.3	270.5	148.8	161.0	48.1	21.1	70.9	1,697.8
March	550.4	428.0	272.5	148.8	159.1	48.5	21.0	71.0	1,699.9
April	539.8	429.9	267.8	145.7	158.9	49.5	20.6	71.6	1,684.6
May	538.8	429.9	268.3	145.1	161.1	48.5	20.7	71.1	1,684.6
June	541.5	430.6	271.1	145.9	156.7	47.2	20.5	70.5	1,685.6
July	522.8	426.9	269.4	146.0	161.8	50.0	20.4	71.1	1,668.3
August	534.4	429.1	268.8	143.7	158.0	48.5	20.3	71.4	1,673.1
September	532.6	432.8	271.1	143.6	159.0	47.3	20.2	71.9	1,677.4
PRIVATE AND PUBLIC									
1988-September	2,120.9	1,699.4	894.7	493.0	521.3	153.1	56.8	125.9	6,064.7
1989-September	2,159.4	1,729.3	945.9	514.6	525.1	156.4	59.1	126.9	6,216.1
1990-September	2,145.0	1,684.3	915.0	517.5	518.8	147.4	62.0	127.8	6,117.0
1991—									
August(a)	2,047.5	1,585.6	906.2	514.5	519.1	150.8	63.6	130.0	5,916.1
September	2,030.3	1,578.8	902.7	510.7	515.2	148.6	62.7	129.7	5,877.6
October	2,021.1	1,575.2	901.5	505.4	519.5	148.2	59.6	132.4	5,862.7
November	2,015.2	1,573.4	899.3	502.0	516.7	147.0	59.9	132.3	5,845.7
December	2,006.8	1,565.8	900.2	500.7	519.7	145.2	60.0	133.1	5,831.0
1992—									
January	1,985.5	1,574.6	914.4	478.0	524.7	142.5	55.5	132.7	5,807.0
February	1,996.5	1,568.1	908.7	477.1	520.1	143.7	56.1	133.9	5,803.9
March	1,996.9	1,565.4	910.3	475.0	519.3	143.8	55.5	134.0	5,800.9
April	2,004.7	1,563.4	913.9	477.2	527.6	148.1	53.1	135.4	5,824.1
May	2,002.7	1,560.6	911.3	477.6	530.1	146.6	52.6	135.6	5,818.2
June	2,008.1	1,559.0	918.4	479.2	528.3	144.3	52.7	135.8	5,827.5
July	2,000.7	1,546.3	920.4	470.7	550.2	147.0	55.1	133.8	5,824.2
August	2,012.1	1,556.4	920.5	473.5	547.1	143.8	55.4	134.5	5,842.2
September	2,010.5	1,561.0	921.1	470.4	550.5	143.6	55.6	136.1	5,847.8

(a) Includes temporary Population Census employees.

TABLE 3. GROSS EARNINGS, STATES AND TERRITORIES, SECTORS
(\$m)

<i>Year/Quarter</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Aust.</i>
PRIVATE									
1988-89	34,980.6	27,232.4	13,031.4	6,732.8	7,795.8	1,880.8	725.7	1,063.8	93,443.2
1989-90	39,244.1	30,297.9	14,929.9	7,608.8	8,588.2	2,181.5	870.0	1,156.9	104,877.2
1990-91	39,982.4	30,123.4	14,589.8	8,156.1	8,698.3	2,197.8	964.9	1,219.6	105,932.3
1991-92	39,513.3	28,614.4	15,025.2	7,873.7	9,160.4	2,289.1	879.5	1,377.8	104,733.6
1990—									
March	9,574.3	7,173.5	3,563.6	1,847.2	2,122.0	555.6	208.3	278.3	25,322.7
June	10,238.3	7,932.2	3,825.1	1,969.0	2,164.1	565.8	221.2	293.7	27,209.5
September	10,099.4	7,860.3	3,655.6	1,942.9	2,118.5	527.8	241.1	304.1	26,749.7
December	10,496.8	8,114.9	3,825.0	2,085.1	2,229.5	568.6	249.1	320.0	27,889.0
1991—									
March	9,661.4	7,150.6	3,504.9	2,054.0	2,115.4	551.1	223.3	290.4	25,551.2
June	9,724.9	6,997.5	3,604.3	2,074.1	2,235.0	550.3	251.4	305.0	25,742.4
September	9,832.2	6,985.1	3,667.3	2,036.3	2,193.5	568.8	262.6	306.3	25,852.2
December	10,109.1	7,465.9	3,877.9	2,084.9	2,330.2	592.0	234.4	347.5	27,041.9
1992—									
March	9,549.5	6,927.8	3,616.5	1,812.4	2,221.5	561.7	188.4	347.6	25,225.4
June	10,022.5	7,235.6	3,863.6	1,940.2	2,415.2	566.6	194.1	376.4	26,614.1
September	9,979.2	7,314.0	4,012.5	1,932.4	2,514.3	577.0	210.3	367.5	26,907.1
PUBLIC									
1988-89	15,064.6	11,900.7	6,429.6	3,845.7	4,031.6	1,309.7	629.9	2,152.6	45,364.5
1989-90	15,718.0	12,677.6	6,767.5	4,113.3	4,363.4	1,387.5	666.4	2,191.3	47,885.0
1990-91	16,633.1	13,386.1	7,185.0	4,486.4	4,607.5	1,399.6	683.2	2,460.6	50,841.4
1991-92	17,313.9	13,971.1	7,822.1	4,599.1	4,942.1	1,474.5	668.4	2,611.3	53,402.5
1990—									
March	4,027.3	3,113.0	1,645.0	1,041.3	1,120.7	350.1	170.0	573.5	12,041.0
June	3,941.7	3,264.0	1,765.2	1,054.4	1,070.9	330.3	156.3	536.6	12,119.4
September	4,161.4	3,309.1	1,751.9	1,135.7	1,204.1	353.1	189.1	631.6	12,736.0
December	4,187.2	3,448.7	1,881.8	1,128.6	1,138.9	374.7	166.5	590.4	12,916.7
1991—									
March	4,214.3	3,244.6	1,734.7	1,103.7	1,172.7	339.6	166.7	649.4	12,625.8
June	4,070.2	3,383.6	1,816.6	1,118.4	1,091.8	332.3	160.8	589.2	12,563.0
September	4,322.3	3,349.7	1,886.7	1,140.4	1,240.5	384.1	173.6	703.8	13,201.2
December	4,372.6	3,752.6	2,048.8	1,179.5	1,277.0	374.9	168.5	654.4	13,828.3
1992—									
March	4,337.9	3,448.2	1,933.8	1,155.9	1,229.8	366.2	172.2	669.2	13,313.4
June	4,281.2	3,420.6	1,952.7	1,123.3	1,194.8	349.3	154.0	583.8	13,059.7
September	4,372.3	3,465.4	2,006.1	1,196.7	1,278.4	376.6	177.8	670.4	13,543.6
PRIVATE AND PUBLIC									
1988-89	50,045.2	39,133.1	19,461.0	10,578.5	11,827.3	3,190.6	1,355.6	3,216.4	138,807.7
1989-90	54,962.1	42,975.5	21,697.4	11,722.1	12,951.7	3,569.0	1,536.4	3,348.1	152,762.2
1990-91	56,615.5	43,509.4	21,774.8	12,642.5	13,305.9	3,597.4	1,648.1	3,680.2	156,773.7
1991-92	56,827.3	42,585.5	22,847.3	12,472.8	14,102.5	3,763.7	1,547.9	3,989.1	158,136.1
1990—									
March	13,601.6	10,286.5	5,208.6	2,888.5	3,242.7	905.7	378.3	851.8	37,363.7
June	14,180.0	11,196.2	5,590.4	3,023.3	3,235.0	896.1	377.5	830.3	39,328.9
September	14,260.8	11,169.4	5,407.5	3,078.6	3,322.6	880.9	430.2	935.7	39,485.7
December	14,684.0	11,563.7	5,706.8	3,213.6	3,368.4	943.3	415.6	910.4	40,805.6
1991—									
March	13,875.7	10,395.3	5,239.6	3,157.8	3,288.1	890.7	390.0	939.9	38,177.0
June	13,795.1	10,381.1	5,420.9	3,192.5	3,326.8	882.6	412.3	894.2	38,305.4
September	14,154.5	10,334.9	5,554.0	3,176.7	3,434.0	953.0	436.2	1,010.1	39,053.4
December	14,481.6	11,218.5	5,926.7	3,264.4	3,607.2	966.9	402.9	1,001.9	40,870.1
1992—									
March	13,887.5	10,376.0	5,550.3	2,968.3	3,451.4	927.9	360.6	1,016.9	38,538.8
June	14,303.7	10,656.2	5,816.3	3,063.5	3,609.9	915.9	348.1	960.3	39,673.8
September	14,351.5	10,779.3	6,018.6	3,129.1	3,792.6	953.6	388.1	1,037.8	40,450.7

TABLE 4. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES

State, Territory/Sector	Number of employees (^{'000})						Gross earnings	
	September 1991	June 1992	July 1992	August 1992		September 1992	September Quarter 1992	\$m
	Persons	Persons	Persons	Males	Females	Persons	Persons	
New South Wales	2,028.9	2,008.9	1,982.4	1,095.8	910.3	2,006.1	2,009.2	14,351.5
Private	1,469.5	1,459.7	1,462.6	801.7	666.9	1,468.6	1,471.0	9,979.2
Public	559.3	549.1	519.8	294.1	243.5	537.5	538.2	4,372.3
Commonwealth	130.2	129.7	130.1	77.6	50.6	128.3	127.2	1,134.1
State	368.1	361.2	331.7	172.4	179.1	351.4	353.1	2,795.4
Local	61.0	58.3	58.0	44.1	13.8	57.8	57.9	442.9
Victoria	1,583.1	1,549.6	1,542.7	837.4	722.8	1,560.3	1,565.5	10,779.3
Private	1,141.5	1,116.5	1,114.8	615.4	512.3	1,127.7	1,129.3	7,314.0
Public	441.6	433.1	427.9	222.0	210.5	432.6	436.2	3,465.4
Commonwealth	103.0	99.2	95.5	58.5	37.5	96.0	98.4	833.3
State	293.3	288.6	288.8	141.2	150.6	291.8	293.2	2,366.3
Local	45.3	45.3	43.6	22.3	22.5	44.8	44.6	265.8
Queensland	902.9	915.7	916.3	507.1	415.8	922.9	921.4	6,018.6
Private	631.5	642.8	645.9	354.0	298.7	652.7	650.0	4,012.5
Public	271.3	273.0	270.4	153.1	117.1	270.2	271.4	2,006.1
Commonwealth	48.6	48.0	48.4	27.9	18.8	46.7	46.6	407.1
State	192.5	193.4	190.7	99.9	92.0	192.0	193.0	1,390.6
Local	30.3	31.6	31.2	25.3	6.3	31.5	31.9	208.5
South Australia	509.6	479.5	469.2	260.8	211.3	472.1	469.5	3,129.1
Private	360.8	332.4	323.0	183.0	144.5	327.4	324.4	1,932.4
Public	148.8	147.1	146.2	77.8	66.9	144.7	145.2	1,196.7
Commonwealth	30.2	28.7	28.8	18.6	9.1	27.7	27.5	254.7
State	110.2	109.2	108.4	53.0	54.9	108.0	108.4	881.7
Local	8.4	9.2	9.1	6.2	2.8	9.1	9.2	60.4
Western Australia	512.9	531.2	544.6	303.6	240.7	544.2	547.8	3,792.6
Private	352.5	371.0	384.5	220.1	165.1	385.3	386.6	2,514.3
Public	160.4	160.3	160.0	83.4	75.5	159.0	161.2	1,278.4
Commonwealth	25.4	25.5	25.9	15.2	9.8	25.0	24.8	212.5
State	123.4	123.0	122.5	60.7	61.5	122.2	124.6	996.5
Local	11.6	11.8	11.7	7.6	4.2	11.8	11.8	69.3
Tasmania	147.7	143.7	146.3	78.3	66.1	144.3	142.8	953.6
Private	98.5	96.0	96.4	52.4	42.5	94.9	95.4	577.0
Public	49.3	47.7	49.9	25.8	23.6	49.5	47.3	376.6
Commonwealth	8.7	8.7	8.8	5.5	3.1	8.6	8.5	79.0
State	36.5	34.9	37.0	17.4	19.4	36.8	34.6	269.3
Local	4.1	4.1	4.1	3.0	1.1	4.1	4.1	28.3
Northern Territory	64.0	54.0	55.6	30.5	26.0	56.5	56.7	388.1
Private	42.4	33.2	35.2	20.3	15.9	36.2	36.4	210.3
Public	21.6	20.8	20.4	10.1	10.1	20.2	20.3	177.8
Commonwealth	4.2	4.1	4.1	2.3	1.7	4.0	3.9	35.9
State	16.2	15.5	15.1	7.0	8.0	15.0	15.2	134.8
Local	1.2	1.2	1.2	0.8	0.4	1.2	1.2	7.1
Australian Capital Territory	129.2	135.3	134.2	68.1	66.7	134.8	135.5	1,037.8
Private	54.2	63.7	63.3	30.2	33.5	63.6	63.8	367.5
Public	75.0	71.6	70.9	37.9	33.2	71.1	71.7	670.4
Commonwealth	54.2	52.5	52.2	29.8	22.5	52.3	52.6	534.4
State	20.8	19.1	18.7	8.2	10.7	18.8	19.1	136.0
Australia	5,878.4	5,818.0	5,791.2	3,181.4	2,659.7	5,841.1	5,848.4	40,450.7
Private	4,151.0	4,115.3	4,125.6	2,277.0	1,879.3	4,156.4	4,156.9	26,907.1
Public	1,727.4	1,702.7	1,665.6	904.4	780.4	1,684.8	1,691.5	13,543.6
Commonwealth	404.4	396.4	393.8	235.4	153.1	388.5	389.6	3,490.9
State	1,161.0	1,144.9	1,112.9	559.8	576.2	1,136.0	1,141.2	8,970.4
Local	162.0	161.5	158.9	109.2	51.1	160.3	160.7	1,082.3

TABLE 5. EMPLOYED WAGE AND SALARY EARNERS, SEASONALLY ADJUSTED, STATES AND TERRITORIES, PERSONS

State, Territory/Sector	Number of employees ('000)				
	September 1991	June 1992	July 1992	August 1992	September 1992
New South Wales	2,030.3	2,008.1	2,000.7	2,012.1	2,010.5
Private	1,476.8	1,466.6	1,477.9	1,477.6	1,477.9
Public	553.5	541.5	522.8	534.4	532.6
Commonwealth	130.8	129.0	130.7	129.3	127.8
State	361.6	354.1	334.0	347.0	346.9
Local	61.0	58.4	58.1	58.1	57.9
Victoria	1,578.8	1,559.0	1,546.3	1,556.4	1,561.0
Private	1,140.6	1,128.3	1,119.4	1,127.3	1,128.2
Public	438.3	430.6	426.9	429.1	432.8
Commonwealth	103.7	99.0	96.1	96.4	99.1
State	289.4	286.7	286.9	288.3	289.3
Local	45.2	44.9	43.9	44.4	44.5
Queensland	902.7	918.4	920.4	920.5	921.1
Private	631.7	647.3	651.0	651.7	650.1
Public	271.0	271.1	269.4	268.8	271.1
Commonwealth	48.8	47.4	48.5	46.8	46.9
State	191.8	192.4	189.6	190.5	192.3
Local	30.4	31.3	31.3	31.6	31.9
South Australia	510.7	479.2	470.7	473.5	470.4
Private	363.5	333.3	324.7	329.8	326.8
Public	147.2	145.9	146.0	143.7	143.6
Commonwealth	30.2	28.5	28.7	27.7	27.5
State	108.6	108.1	108.1	106.9	106.8
Local	8.5	9.2	9.2	9.1	9.2
Western Australia	515.2	528.3	550.2	547.1	550.5
Private	356.9	371.7	388.5	389.1	391.5
Public	158.3	156.7	161.8	158.0	159.0
Commonwealth	25.6	25.5	25.8	25.2	25.0
State	121.0	119.3	124.2	120.9	122.2
Local	11.7	11.9	11.8	11.9	11.9
Tasmania	148.6	144.3	147.0	143.8	143.6
Private	99.4	97.1	97.1	95.3	96.4
Public	49.2	47.2	50.0	48.5	47.3
State	36.3	34.4	37.0	35.7	34.4
Northern Territory	62.7	52.7	55.1	55.4	55.6
Private	41.2	32.2	34.7	35.1	35.4
Public	21.5	20.5	20.4	20.3	20.2
Australian Capital Territory	129.7	135.8	133.8	134.5	136.1
Private	54.5	65.3	62.7	63.1	64.1
Public	75.2	70.5	71.1	71.4	71.9
Australia	5,877.6	5,827.5	5,824.2	5,842.2	5,847.8
Private	4,164.5	4,141.8	4,155.9	4,169.0	4,170.4
Public	1,713.1	1,685.6	1,668.3	1,673.1	1,677.4
Commonwealth	405.5	394.7	395.2	389.6	390.6
State	1,145.7	1,129.7	1,113.6	1,123.2	1,126.2
Local	161.9	161.3	159.6	160.4	160.6

TABLE 6. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES, PUBLIC INSTITUTIONAL SECTOR

State, Territory/Sector	Public Trading Enterprises		Financial Enterprises		General Government Enterprises		Total Public	
	August 1992	September Quarter 1992	August 1992	September Quarter 1992	August 1992	September Quarter 1992	August 1992	September Quarter 1992
	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)
New South Wales								
Total Public	126.8	1,208.2	31.1	228.8	379.6	2,935.3	537.5	4,372.3
Commonwealth	61.6	582.7	20.6	142.3	46.1	409.0	128.3	1,134.1
State	52.7	522.4	10.5	86.5	288.2	2,186.4	351.4	2,795.4
Local	12.4	103.0	—	—	45.4	339.9	57.8	442.9
Victoria								
Total Public	93.6	856.9	23.0	160.9	316.0	2,447.5	432.6	3,465.4
Commonwealth	42.1	379.5	17.4	116.6	36.5	337.2	96.0	833.3
State	50.3	466.1	5.5	44.3	236.0	1,855.9	291.8	2,366.3
Local	1.2	11.3	—	—	43.5	254.5	44.8	265.8
Queensland								
Total Public	38.1	333.8	9.1	62.3	222.9	1,609.9	270.2	2,006.1
Commonwealth	20.3	185.5	6.9	42.5	19.5	179.0	46.7	407.1
State	12.5	108.6	2.2	19.8	177.2	1,262.2	192.0	1,390.6
Local	5.3	39.7	—	—	26.2	168.8	31.5	208.5
South Australia								
Total Public	25.5	243.4	7.7	57.7	111.5	895.6	144.7	1,196.7
Commonwealth	13.2	126.0	2.8	17.1	11.7	111.6	27.7	254.7
State	12.3	117.1	4.9	40.5	90.8	724.0	108.0	881.7
Local	0.1	0.4	—	—	9.0	60.0	9.1	60.4
Western Australia								
Total Public	29.8	257.7	7.8	49.0	121.4	971.4	159.0	1,278.4
Commonwealth	10.1	90.9	3.4	20.7	11.5	101.0	25.0	212.5
State	19.7	166.8	4.4	28.3	98.1	801.0	122.2	996.5
Local	—	—	—	—	11.8	69.3	11.8	69.3
Tasmania								
Total Public	7.0	73.1	0.9	5.3	41.6	298.2	49.5	376.6
Commonwealth	3.0	31.9	0.8	5.1	4.7	42.1	8.6	79.0
State	3.7	38.6	—	0.2	33.1	230.5	36.8	269.3
Local	0.3	2.7	—	—	3.8	25.6	4.1	28.3
Northern Territory								
Total Public	1.0	8.4	0.3	1.8	18.9	167.6	20.2	177.8
Commonwealth	1.0	8.4	0.3	1.5	2.7	26.0	4.0	35.9
State	—	—	—	0.3	15.0	134.5	15.0	134.8
Local	—	—	—	—	1.2	7.1	1.2	7.1
Australian Capital Territory								
Total Public	5.4	46.5	1.3	10.8	64.4	613.1	71.1	670.4
Commonwealth	3.0	23.9	1.1	9.7	48.2	500.7	52.3	534.4
State	2.4	22.6	0.2	1.0	16.3	112.4	18.8	136.0
Australia								
Total Public	327.3	3,028.1	81.1	576.6	1,276.4	9,938.6	1,684.8	13,543.6
Commonwealth	154.3	1,428.8	53.3	355.5	180.8	1,706.5	388.5	3,490.9
State	153.6	1,442.2	27.8	221.1	954.6	7,306.9	1,136.0	8,970.4
Local	19.4	157.1	—	—	140.9	925.2	160.3	1,082.3

**TABLE 7. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA,
PUBLIC INSTITUTIONAL SECTOR, AUGUST 1992
PERSONS ('000)**

<i>Industry</i>	<i>Public Trading Enterprises</i>	<i>Financial Enterprises</i>	<i>General Government Enterprises</i>	<i>Total Public</i>
Agriculture, forestry, fishing and hunting	0.4	—	4.8	5.2
Mining	4.8	—	—	4.8
Manufacturing	16.7	0.3	7.3	24.3
Electricity, gas and water	86.4	—	11.9	98.3
Construction	0.5	4.6	36.5	42.7
Wholesale and retail trade	1.8	0.1	1.0	2.8
Transport and storage	85.1	—	28.2	113.3
Communication	115.0	—	0.1	115.1
Finance, property and business services	5.8	75.3	23.4	104.5
Public administration and defence(a)	1.3	0.8	318.9	321.0
Community services	1.5	—	829.7	831.2
Recreation, personal and other services	8.1	—	13.5	21.6
Total all industries	327.3	81.1	1,276.4	1,684.8

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc.

**TABLE 8. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA,
PUBLIC INSTITUTIONAL SECTOR, SEPTEMBER QUARTER 1992
GROSS EARNINGS (\$m)**

<i>Industry</i>	<i>Public Trading Enterprises</i>	<i>Financial Enterprises</i>	<i>General Government Enterprises</i>	<i>Total Public</i>
Agriculture, forestry, fishing and hunting	2.7	—	37.2	40.0
Mining	66.1	—	—	66.1
Manufacturing	137.7	2.6	61.8	202.1
Electricity, gas and water	848.5	—	100.3	948.7
Construction	8.7	36.1	306.4	363.1
Wholesale and retail trade	14.8	0.5	6.5	21.8
Transport and storage	819.3	—	275.5	1,094.8
Communication	1,009.0	—	1.0	1,010.0
Finance, property and business services	52.8	528.8	167.1	748.7
Public administration and defence(a)	10.4	8.6	2,478.5	2,497.5
Community services	14.6	—	6,373.1	6,388.0
Recreation, personal and other services	43.6	—	119.3	162.9
Total all industries	3,028.1	576.6	9,938.6	13,543.6

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc.

TABLE 9. EMPLOYED WAGE AND SALARY EARNERS — FULL-TIME AND PART-TIME(a) — AUGUST 1992

	Number of employees (^{'000})					
	Full-time			Part-time		
	Males	Females	Persons	Males	Females	Persons
AUSTRALIA BY INDUSTRY						
Mining	67.7	7.3	75.1	1.5	1.1	2.6
Manufacturing	624.1	185.0	809.1	33.8	57.8	91.6
Electricity, gas and water	88.2	10.5	98.6	0.7	2.0	2.7
Construction	198.9	31.1	229.9	11.4	15.2	26.6
Wholesale trade	239.5	92.0	331.5	19.9	36.6	56.5
Retail trade	260.1	168.4	428.4	109.0	267.9	376.8
Transport and storage	184.2	43.5	227.8	23.7	13.0	36.7
Communication	82.9	27.2	110.1	1.6	4.5	6.0
Finance, property and business services	304.6	281.5	586.1	46.6	128.4	175.1
Public administration and defence(b)	182.1	94.9	276.9	9.3	34.7	44.0
Community services	393.9	494.8	888.6	87.7	406.6	494.3
Recreation, personal and other services(c)	115.6	89.3	204.9	90.3	165.4	255.7
Total all industries(d)	2,745.7	1,526.3	4,271.9	435.8	1,133.4	1,569.2
Private	1,907.0	990.4	2,897.4	370.1	888.9	1,259.0
Public	838.7	535.8	1,374.5	65.7	244.5	310.3
STATES AND TERRITORIES						
New South Wales	942.0	539.9	1,481.9	153.8	370.4	524.2
Victoria	721.9	408.2	1,130.1	115.6	314.6	430.2
Queensland	440.1	249.4	689.5	66.9	166.4	233.3
South Australia	225.5	107.7	333.2	35.2	103.7	138.9
Western Australia	264.2	128.8	392.9	39.4	111.9	151.3
Tasmania	68.1	33.4	101.5	10.1	32.7	42.8
Northern Territory	25.1	16.9	42.0	5.3	9.1	14.5
Australian Capital Territory	58.7	42.0	100.7	9.4	24.6	34.0

(a) See Explanatory Notes, paragraph 20. (b) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (c) Excludes private households employing staff. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.

TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA — SECTOR AND INDUSTRY

Industry	Number of employees ('000)						Gross earnings	
	September 1991	June 1992	July 1992	August 1992		September 1992	September Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	72.4	72.9	73.1	64.6	8.3	72.9	72.5	953.1
Manufacturing	878.9	881.8	872.5	637.5	238.8	876.3	875.2	6,832.1
Electricity, gas and water	3.2	3.1	3.1	2.4	0.7	3.1	3.1	26.5
Construction	229.0	211.4	212.1	176.2	37.6	213.9	211.8	1,628.8
Wholesale and retail trade	1,200.4	1,175.9	1,185.9	626.6	563.8	1,190.5	1,191.3	6,401.6
Transport and storage	151.8	152.1	151.5	109.7	41.5	151.2	151.3	1,121.8
Road transport	78.6	83.7	85.3	69.2	17.4	86.6	86.3	544.8
Other transport and storage	73.2	68.3	66.2	40.5	24.1	64.6	64.9	577.0
Finance, property and business services	635.8	654.6	652.5	307.6	349.1	656.7	653.9	4,888.8
Banking	95.2	93.0	91.5	37.0	54.3	91.3	91.2	699.5
Non-bank finance and investment	74.2	67.0	67.4	28.5	39.2	67.7	67.5	559.0
Insurance and services to insurance	69.7	66.5	65.1	29.1	36.3	65.4	65.0	544.4
Property and business services	396.7	428.0	428.6	213.0	219.3	432.3	430.3	3,086.0
Community services	532.8	543.7	536.4	156.1	395.6	551.7	549.9	3,206.4
Health	246.3	257.5	249.1	46.6	203.7	250.3	250.2	1,503.2
Education, museum and library services	125.1	118.4	111.8	35.3	83.2	118.5	118.7	715.7
Welfare and religious institutions	91.8	95.9	98.6	29.0	73.0	102.0	101.7	447.4
Other community services	69.5	71.9	76.8	45.2	35.8	80.9	79.3	540.1
Recreation, personal and other services(a)	445.2	419.2	437.5	195.5	243.5	439.0	447.0	1,840.2
Entertainment and recreational services	94.5	89.5	101.0	48.8	45.1	93.9	100.5	486.3
Restaurants, hotels; personal services	350.7	329.7	336.5	146.6	198.4	345.0	346.5	1,353.9
Total all industries(b)	4,151.0	4,115.3	4,125.6	2,277.0	1,879.3	4,156.4	4,156.9	26,907.1
COMMONWEALTH GOVERNMENT								
Manufacturing	14.7	16.3	16.8	13.5	3.2	16.7	16.6	143.2
Electricity, gas and water	0.8	0.8	0.7	0.6	0.1	0.7	0.7	6.5
Construction	4.3	4.5	4.3	3.9	*0.5	4.3	4.2	43.0
Wholesale and retail trade	1.0	0.8	0.9	0.6	0.3	0.9	0.9	8.9
Transport and storage	33.3	30.1	30.7	22.0	8.0	30.1	29.9	376.9
Communication	120.2	117.9	118.7	83.7	31.3	115.0	117.2	1,009.0
Finance, property and business services	61.9	59.2	58.6	23.8	34.2	58.0	57.6	409.0
Public administration and defence(c)	110.1	108.1	105.3	56.2	48.8	105.0	104.3	931.6
Community services	48.5	50.1	49.2	26.3	22.9	49.2	49.7	472.7
Recreation, personal and other services(a)	9.6	8.5	8.6	4.8	3.7	8.6	8.5	90.1
Total all industries(d)	404.4	396.4	393.8	235.4	153.1	388.5	389.6	3,490.9

See footnotes at end of table.

TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA — SECTOR AND INDUSTRY—continued

Industry	Number of employees ('000)						Gross earnings	
	September 1991	June 1992	July 1992	August 1992		September 1992	September Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	
STATE GOVERNMENT								
Agriculture, forestry, fishing and hunting	7.3	5.7	5.3	4.1	1.1	5.2	5.1	39.4
Mining	5.4	4.8	4.8	4.6	0.1	4.8	4.8	66.1
Manufacturing	9.8	8.0	6.8	6.3	0.7	6.9	6.9	54.3
Electricity, gas and water	83.2	77.4	77.2	67.1	9.8	76.9	76.4	765.0
Construction	42.8	31.9	32.8	25.9	6.7	32.6	32.4	281.8
Wholesale and retail trade	1.8	1.4	1.5	1.0	0.5	1.5	1.5	10.4
Transport and storage	87.7	83.0	82.2	74.7	6.9	81.5	81.1	704.6
Finance, property and business services	44.8	45.8	46.3	19.8	26.6	46.4	47.4	338.9
Public administration and defence(c)	75.3	87.5	85.7	52.2	34.3	86.5	86.5	729.3
Community services	788.8	785.0	757.2	298.7	482.1	780.8	785.8	5,908.6
Recreation, personal and other services	13.9	14.2	12.9	5.4	7.4	12.8	13.3	71.1
Total all industries	1,161.0	1,144.9	1,112.9	559.8	576.2	1,136.0	1,141.2	8,970.4
LOCAL GOVERNMENT								
Electricity, gas and water	22.3	21.1	20.9	18.8	1.9	20.6	20.6	177.3
Public administration and defence(c)	133.2	130.4	127.9	83.0	46.5	129.5	129.8	836.6
Other industries	6.4	10.0	10.1	7.4	2.7	10.2	10.3	68.4
Total all industries	162.0	161.5	158.9	109.2	51.1	160.3	160.7	1,082.3

See footnotes at end of table.

TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA — SECTOR AND INDUSTRY—continued

Industry	Number of employees (^{'000})						Gross earnings	
	September 1991	June 1992	July 1992	August 1992		September 1992	September Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
TOTAL PUBLIC								
Agriculture, forestry, fishing and hunting	7.4	5.9	5.4	4.1	1.1	5.2	5.2	40.0
Mining	5.4	4.8	4.8	4.6	0.1	4.8	4.8	66.1
Manufacturing	25.1	25.0	24.3	20.4	4.0	24.3	24.2	202.1
Electricity, gas and water	106.3	99.2	98.9	86.5	11.8	98.3	97.7	948.7
Construction	48.0	42.0	42.8	34.1	8.6	42.7	42.4	363.1
Wholesale and retail trade	3.4	2.6	2.8	1.8	1.0	2.8	2.8	21.8
Transport and storage	123.3	114.7	114.6	98.2	15.0	113.3	112.8	1,094.8
Road transport	14.6	32.9	14.0	12.5	1.3	13.8	13.7	137.7
Other transport and storage	108.7	81.8	100.6	85.7	13.8	99.5	99.0	957.0
Communication	120.4	118.0	118.8	83.8	31.3	115.1	117.3	1,010.0
Finance, property and business services	106.7	105.1	105.0	43.6	60.8	104.5	105.1	748.7
Banking	63.1	62.7	62.1	25.1	36.5	61.6	61.3	413.0
Non-bank finance and investment	2.2	1.6	2.3	1.0	1.3	2.3	2.3	17.1
Insurance and services to insurance	16.4	15.9	15.3	5.9	9.3	15.2	16.2	131.9
Property and business services	25.0	24.9	25.3	11.6	13.7	25.4	25.3	186.8
Public administration and defence(c)	318.5	326.0	318.8	191.4	129.6	321.0	320.6	2,497.5
Community services	838.8	836.3	807.6	325.4	505.7	831.2	836.6	6,388.0
Health	299.0	287.8	276.5	72.9	204.9	277.9	277.7	2,032.6
Education, museum and library services	399.0	410.6	392.2	160.3	253.6	414.0	419.1	3,140.7
Welfare and religious institutions	26.8	23.6	25.9	7.3	18.6	25.9	26.2	170.8
Other community services	114.0	114.3	113.0	84.9	28.5	113.4	113.7	1,043.8
Recreation, personal and other services	23.9	23.0	21.7	10.4	11.2	21.6	22.1	162.9
Total all industries	1,727.4	1,702.7	1,665.6	904.4	780.4	1,684.8	1,691.5	13,543.6
PRIVATE AND PUBLIC								
Mining	77.9	77.8	77.9	69.3	8.4	77.7	77.2	1,019.2
Coal	28.1	26.4	25.2	24.3	0.8	25.1	25.1	397.3
Other mining	49.7	51.3	52.6	45.0	7.6	52.6	52.1	621.9
Manufacturing	904.0	906.7	896.7	657.9	242.8	900.7	899.3	7,034.2
Food, beverages and tobacco	157.6	171.0	162.3	112.7	50.9	163.6	163.8	1,214.6
Textiles	27.2	27.5	26.6	16.0	10.6	26.6	26.7	196.2
Clothing	47.2	37.4	39.0	9.5	30.2	39.7	39.8	224.7
Footwear	6.9	7.8	6.6	2.9	3.7	6.6	6.5	41.1
Wood and wood products	38.5	36.7	39.7	34.3	5.6	39.9	40.1	255.4
Furniture and mattresses	27.1	29.1	31.2	24.3	6.8	31.1	31.2	186.3
Paper and paper products	17.7	17.0	17.3	14.0	3.2	17.2	17.1	180.4
Printing and allied industries	87.8	85.5	84.9	51.4	33.8	85.2	84.5	644.1
Chemicals	45.8	50.5	49.3	33.2	16.4	49.6	49.7	470.8
Petroleum and coal products	7.2	6.9	7.3	6.1	0.9	7.0	6.9	113.5
Non-metallic mineral products	35.7	38.4	37.9	33.6	4.2	37.8	37.8	328.8
Basic iron and steel	39.2	34.2	34.1	31.0	2.8	33.8	33.5	332.3
Other basic metal products	24.3	23.6	24.5	22.2	2.2	24.4	24.2	252.9
Fabricated metal products	82.8	91.7	84.2	70.9	14.1	84.9	84.7	633.9
Motor vehicles and parts	57.5	57.9	57.0	46.5	10.2	56.7	56.5	447.4
Other transport equipment	23.8	25.8	26.8	24.1	2.7	26.8	26.5	224.4
Other machinery and equipment	119.9	110.9	115.3	88.1	28.8	116.8	116.5	903.5
Miscellaneous manufacturing	57.9	54.9	52.7	37.1	15.7	52.9	53.1	383.8

See footnotes at end of table.

TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA — SECTOR AND INDUSTRY—continued

Industry	Number of employees (^{'000})						Gross earnings	
	September 1991	June 1992	July 1992	August 1992		September 1992	September Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC—continued								
Electricity, gas and water	109.5	102.3	102.0	88.9	12.5	101.4	100.8	975.3
Electricity and gas	72.2	66.4	66.7	58.1	8.2	66.3	66.3	681.9
Water, sewerage and drainage	37.4	35.9	35.3	30.7	4.3	35.1	34.6	293.4
Construction	277.0	253.3	255.0	210.3	46.3	256.6	254.2	1,991.8
Wholesale and retail trade	1,203.8	1,178.5	1,188.7	628.4	564.8	1,193.3	1,194.1	6,423.4
Wholesale trade	377.7	383.0	387.6	259.4	128.6	388.0	387.4	2,912.2
Retail trade	826.1	795.5	801.1	369.0	436.2	805.3	806.7	3,511.1
Motor vehicles, petrol, tyres	188.0	181.7	175.9	138.6	36.6	175.2	173.5	1,031.3
Other retail trade	638.1	613.8	625.2	230.4	399.7	630.1	633.2	2,479.9
Transport and storage	275.1	266.8	266.2	208.0	56.5	264.5	264.0	2,216.6
Road transport	93.1	116.7	99.3	81.8	18.6	100.4	100.0	682.5
Rail transport	73.7	50.0	68.4	62.9	4.7	67.6	67.2	567.5
Water transport	7.3	7.7	7.5	5.7	1.7	7.4	7.5	63.4
Air transport	31.1	30.7	31.0	19.5	11.1	30.6	31.2	366.7
Other transport and storage	69.9	61.7	60.0	38.1	20.4	58.4	58.0	536.5
Communication	121.8	118.8	119.8	84.5	31.6	116.1	118.4	1,017.8
Finance, property and business services	742.5	759.7	757.5	351.2	410.0	761.2	759.0	5,637.6
Banking	158.3	155.7	153.6	62.1	90.8	152.8	152.5	1,112.5
Non-bank finance	30.5	26.5	27.0	10.1	17.2	27.3	27.4	211.3
Investment; services to finance and investment	46.0	42.1	42.7	19.3	23.4	42.7	42.4	364.7
Insurance and services to insurance	86.1	82.5	80.4	35.0	45.6	80.6	81.1	676.3
Property and business services	421.7	452.9	453.9	224.6	233.1	457.7	455.6	3,272.8
Public administration and defence(c)	318.5	326.0	318.8	191.4	129.6	321.0	320.6	2,497.5
Commonwealth government admin.	86.9	86.2	83.4	42.0	41.2	83.3	82.6	755.5
State government admin.	70.0	80.7	78.2	48.0	30.9	78.9	78.9	664.6
Local government admin.	133.4	131.8	129.3	84.0	47.0	131.0	131.3	845.5
Other public admin. and defence(c)	28.2	27.3	27.9	17.3	10.4	27.7	27.7	232.0
Community services	1,371.6	1,380.0	1,344.0	481.5	901.4	1,382.9	1,386.6	9,594.3
Health	545.3	545.3	525.6	119.6	408.6	528.2	527.9	3,535.8
Education, museum and library services	524.1	529.0	504.1	195.6	336.9	532.5	537.7	3,856.4
Welfare and religious institutions	118.7	119.5	124.5	36.3	91.6	127.9	127.9	618.2
Other community services	183.5	186.2	189.8	130.0	64.3	194.4	193.0	1,583.9
Recreation, personal and other services(a)	469.1	442.2	459.2	205.9	254.7	460.6	469.1	2,003.1
Entertainment and recreational services	114.8	109.4	120.1	58.3	54.7	113.0	120.0	635.3
Restaurants, hotels; personal services	354.4	332.8	339.1	147.6	200.0	347.6	349.1	1,367.7
Total all industries(d)	5,878.4	5,818.0	5,791.2	3,181.4	2,659.7	5,841.1	5,848.4	40,450.7

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to Communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.

TABLE 11. EMPLOYED WAGE AND SALARY EARNERS, SEASONALLY ADJUSTED, AUSTRALIA

<i>Industry</i>	<i>Number of employees ('000)</i>				
	<i>September 1991</i>	<i>June 1992</i>	<i>July 1992</i>	<i>August 1992</i>	<i>September 1992</i>
Mining	78.9	78.0	78.6	78.2	78.2
Manufacturing	909.7	914.8	905.6	906.8	904.8
Construction	278.4	252.6	255.4	256.9	255.4
Wholesale and retail trade	1,210.5	1,185.3	1,200.6	1,198.4	1,200.5
Transport and storage	278.5	268.9	268.6	267.8	267.3
Communication	122.3	118.7	120.8	117.1	118.8
Finance, property and business services	746.3	763.0	762.1	763.1	762.8
Public administration and defence(a)	318.8	323.4	318.9	321.5	320.8
Community services	1,352.7	1,359.1	1,344.3	1,366.1	1,367.7
Recreation, personal and other services	473.2	445.9	468.6	465.2	473.0
Total all industries(b)(c)	5,877.6	5,827.5	5,824.2	5,842.2	5,847.8

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates, etc. (b) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting. (c) Derived indirectly by the addition of seasonally adjusted private and public sector estimates, not by the summation of the component industries because not all industries are seasonally adjusted.

TABLE 12. EMPLOYED WAGE AND SALARY EARNERS, NEW SOUTH WALES — SECTOR AND INDUSTRY

Industry	Number of employees (^{'000})						Gross earnings	
	September 1991	June 1992	July 1992	August 1992		September 1992	September Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Manufacturing	291.1	292.2	290.9	208.5	82.4	290.9	289.5	2,370.0
Electricity, gas and water; Construction	78.6	77.2	80.6	64.6	15.6	80.2	79.9	617.5
Wholesale and retail trade	415.1	421.0	425.2	230.8	197.5	428.3	428.5	2,451.7
Transport and storage	56.4	55.5	56.2	38.1	17.0	55.1	54.9	424.0
Finance, property and business services	264.7	267.1	260.9	122.6	138.7	261.4	260.9	2,076.3
Banking	37.5	35.2	33.4	13.4	20.0	33.4	33.3	258.7
Non-bank finance, investment and insurance	67.7	62.2	60.2	26.3	34.2	60.5	60.4	562.7
Property and business services	159.5	169.7	167.3	83.0	84.6	167.5	167.2	1,254.9
Community services	173.3	177.4	174.8	47.3	132.8	180.1	180.5	1,090.9
Health	77.4	83.2	81.1	16.4	64.0	80.5	80.8	485.3
Education, museum and library services	44.7	41.6	38.6	10.7	30.5	41.2	41.7	263.0
Welfare and other community services	51.1	52.6	55.0	20.2	38.3	58.5	58.0	342.5
Recreation, personal and other services(a)	169.9	149.5	155.3	72.4	81.3	153.8	158.1	684.0
Total all industries(b)(e)	1,469.5	1,459.7	1,462.6	801.7	666.9	1,468.6	1,471.0	9,979.2
PUBLIC								
Manufacturing	7.4	9.7	9.8	8.4	*1.3	9.7	9.6	73.6
Electricity, gas and water; Construction	50.8	47.2	47.6	39.8	7.4	47.2	46.8	448.4
Wholesale and retail trade	0.8	0.6	0.8	0.5	0.3	0.8	0.8	5.8
Transport and storage	45.4	41.6	41.2	34.5	6.3	40.8	40.6	423.6
Communication	41.9	41.8	42.9	29.9	11.6	41.5	41.5	375.2
Finance, property and business services	47.1	46.1	46.5	18.5	28.0	46.5	47.1	326.3
Banking	25.4	25.3	25.2	10.4	14.7	25.1	24.9	175.6
Non-bank finance, investment and insurance	5.8	5.6	5.5	2.1	3.4	5.5	6.4	47.1
Property and business services	15.9	15.2	15.7	6.1	9.9	15.9	15.8	103.6
Public administration and defence(c)	87.4	87.6	87.2	53.3	34.1	87.5	86.9	702.1
Community services	263.9	260.2	230.7	100.7	150.1	250.8	251.8	1,889.0
Health	98.4	90.9	83.3	22.1	61.9	84.0	83.8	620.0
Education, museum and library services	118.2	126.0	103.3	49.9	72.9	122.8	124.3	921.4
Welfare and other community services	47.3	43.3	44.1	28.8	15.3	44.1	43.8	347.5
Recreation, personal and other services	8.7	8.9	8.4	4.4	3.8	8.2	8.4	73.6
Total all industries(d)(e)	559.3	549.1	519.8	294.1	243.5	537.5	538.2	4,372.3

See footnotes at end of table.

TABLE 12. EMPLOYED WAGE AND SALARY EARNERS, NEW SOUTH WALES — SECTOR AND INDUSTRY—continued

Industry	Number of employees ('000)						Gross earnings	
	September 1991	June 1992	July 1992	August 1992		September 1992	September Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC								
Mining	22.6	22.1	20.8	19.4	*1.4	20.7	20.6	298.7
Manufacturing	298.5	301.8	300.6	216.9	83.7	300.7	299.1	2,443.6
Food, beverages and tobacco	45.6	47.1	44.4	29.8	14.9	44.7	45.0	359.9
Textiles; clothing and footwear	23.5	21.2	23.2	8.8	14.7	23.5	23.3	149.9
Wood and wood products	13.0	13.5	14.7	12.8	1.9	14.7	14.9	98.4
Furniture and mattresses	7.3	7.4	7.9	6.4	1.2	7.6	7.5	54.6
Paper, paper products, printing and publishing	34.7	36.1	36.3	21.9	14.3	36.3	35.9	302.4
Chemical, petroleum and coal products	22.6	23.4	23.9	15.1	8.7	23.8	24.0	237.2
Non-metallic mineral products	11.4	12.2	13.0	11.5	1.5	13.0	12.9	118.5
Basic metal products	31.1	27.8	27.4	25.0	2.0	27.0	26.8	281.6
Fabricated metal products	28.5	35.9	30.1	25.4	5.0	30.4	30.0	223.6
Motor vehicles and parts	6.4	6.8	6.3	5.4	1.1	6.4	6.3	46.4
Other transport equipment	7.9	10.0	10.6	9.7	0.8	10.5	10.3	84.2
Other machinery and equipment	48.0	42.8	46.9	34.4	12.4	46.8	46.6	373.9
Miscellaneous manufacturing	18.6	17.8	15.9	10.8	5.2	16.0	15.7	113.0
Electricity, gas and water	39.1	37.3	37.1	31.6	5.2	36.8	36.6	344.0
Construction	90.3	87.1	91.1	72.8	17.7	90.6	90.1	722.0
Wholesale and retail trade	415.9	421.6	425.9	231.3	197.7	429.0	429.2	2,457.5
Wholesale trade	142.6	153.1	155.1	104.1	52.3	156.4	156.3	1,252.0
Retail trade	273.4	268.5	270.9	127.2	145.4	272.6	272.9	1,205.5
Motor vehicles, petrol, tyres	66.1	55.2	54.6	42.8	12.1	55.0	54.2	329.6
Other retail trade	207.2	213.3	216.3	84.3	133.3	217.6	218.7	875.9
Transport and storage	101.8	97.0	97.3	72.6	23.3	95.9	95.5	847.6
Road transport	31.5	32.8	35.0	27.3	7.3	34.6	34.3	272.7
Other transport and storage	70.3	64.2	62.3	45.2	16.0	61.3	61.2	575.0
Communication	42.5	42.0	43.4	30.2	11.7	41.9	42.0	378.4
Finance, property and business services	311.8	313.2	307.4	141.1	166.8	307.9	308.1	2,402.6
Banking	62.9	60.5	58.6	23.8	34.7	58.5	58.2	434.3
Non-bank finance and investment	41.8	35.9	34.4	14.9	19.9	34.8	34.7	323.2
Insurance and services to insurance	31.7	31.9	31.3	13.4	17.7	31.2	32.2	286.6
Property and business services	175.4	185.0	183.0	89.0	94.4	183.5	183.0	1,358.5
Public administration and defence(c)	87.4	87.6	87.2	53.3	34.1	87.5	86.9	702.1
Commonwealth government admin.	19.9	22.3	21.7	10.4	11.2	21.6	21.0	181.9
State government admin.	17.2	17.1	17.5	8.9	8.9	17.8	17.8	167.4
Local government admin.	42.4	41.4	41.3	29.5	11.9	41.4	41.5	300.4
Other public admin. and defence(c)	7.9	6.7	6.7	4.5	2.2	6.6	6.6	52.4
Community services	437.2	437.7	405.6	148.0	282.9	430.9	432.4	2,979.8
Health	175.9	174.2	164.4	38.5	125.9	164.4	164.5	1,105.3
Education, museum and library services	162.9	167.6	142.0	60.5	103.4	163.9	166.0	1,184.4
Welfare and other community services	98.4	95.9	99.1	48.9	53.6	102.5	101.8	690.1
Recreation, personal and other services(a)	178.6	158.5	163.7	76.8	85.2	162.0	166.5	757.6
Entertainment and recreational services	49.7	36.6	39.9	18.4	18.5	37.0	41.2	233.0
Restaurants, hotels; personal services	129.0	121.9	123.8	58.3	66.7	125.0	125.2	524.6
Total all industries(d)	2,028.9	2,008.9	1,982.4	1,095.8	910.3	2,006.1	2,009.2	14,351.5

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting. (e) Includes employees classified to Mining.

TABLE 13. EMPLOYED WAGE AND SALARY EARNERS, VICTORIA — SECTOR AND INDUSTRY

Industry	Number of employees (^{'000})						Gross earnings	
	September 1991	June 1992	July 1992	August 1992		September 1992	September Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	5.4	4.3	4.7	4.2	0.5	4.6	4.5	59.1
Manufacturing	299.7	297.4	293.7	209.5	86.4	295.9	296.2	2,342.1
Electricity, gas and water; Construction	62.0	50.4	49.2	41.8	8.6	50.4	50.5	347.8
Wholesale and retail trade	315.3	296.5	302.3	154.7	148.1	302.8	303.4	1,634.5
Transport and storage	34.2	36.1	36.3	27.5	9.3	36.8	37.0	256.1
Finance, property and business services	169.6	168.1	172.7	84.7	88.4	173.1	173.8	1,336.8
Banking	28.3	28.3	27.6	12.0	15.6	27.6	27.6	226.3
Non-bank finance, investment and insurance	38.7	28.9	31.0	14.7	16.5	31.2	31.4	256.6
Property and business services	102.6	110.9	114.0	58.0	56.2	114.2	114.7	853.9
Community services	152.6	163.1	154.5	46.4	113.2	159.6	158.1	946.3
Health	60.9	71.4	68.4	*13.9	54.9	68.8	68.1	448.6
Education, museum and library services	41.6	38.7	36.4	10.6	27.8	38.4	38.1	235.9
Welfare and other community services	50.1	53.0	49.7	21.9	30.5	52.4	51.9	261.8
Recreation, personal and other services(a)	102.6	100.5	101.2	46.5	57.8	104.3	105.8	390.1
Total all industries(b)	1,141.5	1,116.5	1,114.8	615.4	512.3	1,127.7	1,129.3	7,314.0
PUBLIC								
Agriculture, forestry, fishing and hunting	—	—	—	—	—	—	—	0.4
Mining	1.9	1.9	1.9	1.9	—	1.9	1.9	23.2
Manufacturing	6.0	*5.4	6.2	4.5	*1.6	6.0	6.0	62.3
Electricity, gas and water; Construction	39.5	37.1	37.6	31.9	5.5	37.4	37.0	368.6
Wholesale and retail trade	0.7	0.3	0.3	0.2	0.1	0.3	0.3	3.3
Transport and storage	29.3	27.9	27.8	24.0	3.6	27.6	27.6	256.3
Communication	36.5	34.9	31.7	23.7	9.1	32.8	35.4	268.5
Finance, property and business services	21.8	21.4	20.9	8.1	12.4	20.5	20.4	146.6
Banking	17.2	16.7	16.3	6.2	9.7	15.9	15.8	105.7
Non-bank finance, investment and insurance	3.3	3.4	3.3	1.1	2.1	3.3	3.3	26.3
Property and business services	1.3	*1.4	*1.3	*0.7	*0.6	*1.3	*1.4	*14.7
Public administration and defence(c)	85.1	82.8	79.4	42.6	37.9	80.5	80.5	552.1
Community services	216.4	215.4	216.8	82.6	137.3	219.9	221.3	1,749.3
Health	79.9	79.6	78.5	19.9	59.3	79.2	78.8	596.0
Education, museum and library services	101.6	101.0	102.4	40.3	64.4	104.7	106.0	841.1
Welfare and other community services	34.9	34.8	35.9	22.4	13.7	36.0	36.6	312.3
Recreation, personal and other services	4.4	5.9	5.3	2.5	2.9	5.4	5.7	34.7
Total all industries	441.6	433.1	427.9	222.0	210.5	432.6	436.2	3,465.4

See footnotes at end of table.

TABLE 13. EMPLOYED WAGE AND SALARY EARNERS, VICTORIA — SECTOR AND INDUSTRY—continued

Industry	Number of employees ('000)						Gross earnings	
	September 1991	June 1992	July 1992	August 1992		September 1992	September Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC								
Mining	7.2	6.2	6.6	6.0	0.5	6.6	6.4	82.3
Manufacturing	305.7	302.8	299.9	213.9	88.0	301.9	302.2	2,404.4
Food, beverages and tobacco	45.3	48.5	47.3	32.6	15.4	48.0	48.4	361.8
Textiles; clothing and footwear	40.5	37.2	35.0	13.9	21.1	35.0	35.1	223.7
Wood and wood products	6.3	6.5	6.1	5.5	*0.9	6.4	6.4	39.1
Furniture and mattresses	9.5	10.8	11.7	8.9	2.8	11.7	11.7	66.2
Paper,paper products,printing and publishing	38.0	34.3	33.7	23.1	11.0	34.1	34.1	280.9
Chemical, petroleum and coal products	19.1	20.6	20.2	14.4	6.1	20.5	20.4	226.1
Non-metallic mineral products	9.3	10.4	10.3	9.0	1.3	10.3	10.4	86.5
Basic metal products	10.2	9.9	10.5	9.1	1.5	10.5	10.4	91.9
Fabricated metal products	24.3	27.3	27.6	22.4	5.0	27.4	27.5	230.8
Motor vehicles and parts	32.6	31.9	31.2	24.3	6.6	31.0	30.8	252.1
Other transport equipment	6.3	6.5	6.8	6.0	0.9	6.9	6.9	64.0
Other machinery and equipment	40.0	37.3	37.7	28.7	9.9	38.6	38.4	308.3
Miscellaneous manufacturing	24.4	21.7	21.7	16.1	5.4	21.5	21.7	173.0
Electricity, gas and water	30.1	27.9	28.2	24.8	3.3	28.1	27.7	290.7
Construction	71.4	59.6	58.5	48.9	10.8	59.7	59.7	425.7
Wholesale and retail trade	316.0	296.9	302.6	154.9	148.3	303.1	303.7	1,637.8
Wholesale trade	98.5	95.5	95.1	62.3	32.0	94.3	94.4	712.8
Retail trade	217.5	201.3	207.6	92.6	116.2	208.8	209.3	925.0
Motor vehicles, petrol, tyres	47.5	47.2	47.7	37.6	9.7	47.3	47.0	277.8
Other retail trade	170.0	154.2	159.9	55.0	106.5	161.5	162.2	647.2
Transport and storage	63.6	64.0	64.1	51.5	12.9	64.5	64.6	512.4
Road transport	21.2	41.7	23.2	19.2	*4.6	23.8	24.0	139.8
Other transport and storage	42.4	22.4	40.9	32.4	*8.3	40.7	40.6	372.6
Communication	36.6	35.0	31.8	23.8	9.1	33.0	35.5	269.7
Finance, property and business services	191.4	189.5	193.6	92.8	100.8	193.6	194.1	1,483.4
Banking	45.5	45.0	43.9	18.2	25.3	43.5	43.4	332.0
Non-bank finance and investment	19.1	12.3	13.7	6.3	7.6	13.9	13.9	101.8
Insurance and services to insurance	22.9	19.9	20.6	9.5	11.0	20.6	20.8	181.1
Property and business services	103.9	112.3	115.4	58.8	56.8	115.6	116.1	868.6
Public administration and defence(c)	85.1	82.8	79.4	42.6	37.9	80.5	80.5	552.1
Commonwealth government admin.	15.5	14.0	13.3	6.7	6.6	13.3	13.3	111.5
State government admin.	18.0	17.1	16.4	10.1	6.4	16.5	16.6	130.3
Local government admin.	43.1	43.7	41.9	21.1	22.0	43.1	42.9	251.9
Other public admin. and defence(c)	8.5	8.0	7.8	4.7	2.9	7.6	7.7	58.4
Community services	369.0	378.5	371.3	129.0	250.5	379.5	379.4	2,695.6
Health	140.8	151.0	146.8	33.9	114.2	148.0	146.9	1,044.5
Education, museum and library services	143.3	139.7	138.9	50.8	92.2	143.1	144.1	1,077.0
Welfare and other community services	85.0	87.8	85.6	44.3	44.2	88.4	88.4	574.1
Recreation, personal and other services(a)	107.0	106.4	106.5	49.1	60.7	109.7	111.5	424.8
Entertainment and recreational services	28.0	31.7	31.3	15.6	14.5	30.1	31.4	153.5
Restaurants, hotels; personal services	79.0	74.8	75.2	33.5	46.1	79.6	80.2	271.3
Total all industries(d)	1,583.1	1,549.6	1,542.7	837.4	722.8	1,560.3	1,565.5	10,779.3

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to Communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.

TABLE 14. EMPLOYED WAGE AND SALARY EARNERS, QUEENSLAND — SECTOR AND INDUSTRY

Industry	Number of employees (^{'000})						Gross earnings	
	September 1991	June 1992	July 1992	August 1992		September 1992	September Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	18.5	20.2	21.7	19.2	2.5	21.7	21.4	282.9
Manufacturing	109.0	118.6	117.5	88.2	31.1	119.2	119.4	832.1
Electricity, gas and water; Construction	36.9	36.3	35.9	31.2	5.7	36.9	36.3	285.2
Wholesale and retail trade	206.7	196.6	195.6	101.4	94.4	195.8	196.2	1,013.5
Transport and storage	25.6	25.5	26.7	19.3	7.0	26.3	26.6	195.5
Finance, property and business services	79.1	91.5	92.8	41.4	52.9	94.4	92.2	610.5
Banking	14.1	14.4	14.3	5.3	9.0	14.3	14.3	96.2
Non-bank finance, investment and insurance	*13.1	16.8	16.6	6.8	9.9	16.7	16.8	112.8
Property and business services	51.9	60.3	61.9	29.4	34.0	63.4	61.0	401.5
Community services	77.4	76.7	78.4	21.5	58.3	79.7	79.8	451.3
Health	43.6	38.9	36.8	6.4	30.8	37.1	37.3	229.1
Education, museum and library services	15.1	16.0	15.8	5.2	11.7	17.0	17.0	94.5
Welfare and other community services	18.7	21.7	*25.8	*9.9	*15.8	*25.6	*25.5	*127.7
Recreation, personal and other services(a)	78.2	77.3	77.3	31.8	46.8	78.6	78.0	341.5
Total all industries(b)	631.5	642.8	645.9	354.0	298.7	652.7	650.0	4,012.5
PUBLIC								
Agriculture, forestry, fishing and hunting	1.5	0.1	0.5	0.3	0.1	0.4	0.3	0.7
Manufacturing	5.6	5.1	3.8	3.6	0.2	3.8	3.7	30.1
Electricity, gas and water; Construction	25.2	20.5	20.4	17.4	3.0	20.4	20.5	164.9
Wholesale and retail trade	1.0	0.8	0.8	0.5	0.3	0.8	0.8	5.1
Transport and storage	23.8	22.6	22.7	20.1	2.2	22.3	22.2	194.5
Communication	18.8	18.1	19.3	13.4	4.5	17.9	17.8	160.8
Finance, property and business services	12.4	12.6	12.8	5.6	7.2	12.7	12.7	91.6
Banking	6.5	6.8	6.8	2.7	4.0	6.7	6.7	41.9
Non-bank finance, investment and insurance	3.7	3.0	3.3	1.2	2.0	3.3	3.3	28.0
Property and business services	2.1	2.8	2.7	1.6	1.1	2.7	2.7	21.7
Public administration and defence(c)	46.8	57.2	55.5	37.8	18.4	56.2	56.2	402.5
Community services	134.0	134.0	132.5	53.7	79.9	133.6	134.9	941.5
Health	39.9	39.0	38.1	10.9	27.1	38.0	38.6	269.0
Education, museum and library services	71.7	73.2	73.0	27.9	46.3	74.2	74.8	488.2
Welfare and other community services	22.4	21.8	21.5	14.9	6.5	21.4	21.6	184.3
Recreation, personal and other services	2.4	2.1	2.1	0.8	1.3	2.1	2.1	14.4
Total all industries	271.3	273.0	270.4	153.1	117.1	270.2	271.4	2,006.1

See footnotes at end of table.

TABLE 14. EMPLOYED WAGE AND SALARY EARNERS, QUEENSLAND — SECTOR AND INDUSTRY—continued

Industry	Number of employees ('000)						Gross earnings	
	September 1991	June 1992	July 1992	August 1992		September 1992	September Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC								
Mining	18.5	20.2	21.7	19.2	2.5	21.7	21.4	282.9
Coal	9.7	9.4	8.8	8.2	0.5	8.7	8.7	145.4
Other mining	8.8	10.8	12.9	11.0	*2.1	13.0	12.7	137.5
Manufacturing	114.5	123.7	121.3	91.8	31.2	123.0	123.2	862.1
Food, beverages and tobacco	31.5	35.0	34.6	25.5	10.0	35.5	35.3	246.2
Textiles; clothing and footwear	5.7	5.2	6.0	2.0	4.3	6.3	6.5	36.8
Wood and wood products	7.2	7.3	7.6	6.4	1.2	7.6	7.6	44.7
Furniture and mattresses	4.2	5.8	6.1	4.6	*1.7	6.2	6.3	31.6
Paper, paper products, printing and publishing	9.8	11.3	11.6	7.1	4.4	11.5	11.6	83.8
Chemical, petroleum and coal products	5.2	6.3	5.5	4.2	1.2	5.4	5.4	50.3
Non-metallic mineral products	6.3	7.1	6.6	5.9	*0.5	6.4	6.3	54.6
Basic metal products	6.6	7.2	6.4	5.9	0.5	6.4	6.3	63.0
Fabricated metal products	14.1	12.9	11.4	9.9	1.9	11.8	12.0	77.6
Motor vehicles and parts	3.4	3.9	3.5	2.9	0.4	3.4	3.4	25.4
Other transport equipment	4.9	5.0	5.0	4.6	*0.5	5.0	5.0	38.4
Other machinery and equipment	10.0	9.9	10.5	8.7	2.1	10.9	10.6	70.6
Miscellaneous manufacturing	5.8	6.9	6.6	4.1	2.4	6.5	6.9	39.2
Electricity, gas and water	14.1	12.6	12.4	10.9	1.4	12.4	12.4	109.9
Construction	48.0	44.3	43.9	37.7	7.3	45.0	44.5	340.2
Wholesale and retail trade	207.6	197.4	196.4	101.9	94.7	196.5	197.0	1,018.6
Wholesale trade	59.3	52.5	54.9	36.6	18.4	55.1	54.9	395.3
Retail trade	148.3	144.8	141.4	65.2	76.2	141.4	142.1	623.3
Motor vehicles, petrol, tyres	33.6	37.7	31.6	24.3	6.9	31.2	31.3	176.7
Other retail trade	114.8	107.2	109.8	40.9	69.3	110.2	110.8	446.6
Transport and storage	49.4	48.1	49.4	39.4	9.2	48.6	48.9	389.9
Road transport	16.0	18.4	18.6	15.7	2.9	18.6	18.2	118.1
Other transport and storage	33.4	29.7	30.8	23.7	6.3	30.1	30.6	271.8
Communication	19.0	18.1	19.3	13.4	4.5	17.9	17.8	160.8
Finance, property and business services	91.4	104.1	105.6	47.0	60.1	107.1	104.9	702.1
Banking	20.6	21.2	21.1	8.0	13.0	21.0	21.0	138.0
Non-bank finance and investment	5.5	7.4	8.3	3.2	4.9	8.1	8.0	59.8
Insurance and services to insurance	*11.3	12.4	*11.5	*4.8	*7.1	*11.9	12.1	81.1
Property and business services	54.0	63.1	64.7	31.0	35.1	66.1	63.7	423.2
Public administration and defence(c)	46.8	57.2	55.5	37.8	18.4	56.2	56.2	402.5
Commonwealth government admin.	10.2	9.7	8.9	4.0	4.8	8.8	8.8	73.8
State government admin.	10.3	22.1	21.6	14.8	7.3	22.1	21.9	161.3
Local government admin.	23.8	21.4	21.0	16.7	4.7	21.4	21.6	136.1
Other public admin. and defence(c)	2.5	4.0	4.0	2.4	1.5	3.9	3.9	31.3
Community services	211.4	210.6	210.9	75.1	138.2	213.3	214.7	1,392.8
Health	83.4	77.9	74.9	17.3	57.8	75.1	75.9	498.2
Education, museum and library services	86.8	89.2	88.7	33.1	58.0	91.2	91.7	582.7
Welfare and other community services	41.1	43.5	47.3	24.7	*22.3	47.0	47.1	312.0
Recreation, personal and other services(a)	80.6	79.5	79.4	32.6	48.1	80.7	80.1	355.9
Entertainment and recreational services	16.7	15.8	13.8	6.9	6.8	13.8	13.9	76.5
Restaurants, hotels; personal services	63.9	63.7	65.6	25.7	41.3	66.9	66.2	279.4
Total all industries(d)	902.9	915.7	916.3	507.1	415.8	922.9	921.4	6,018.6

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to Communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.

TABLE 15. EMPLOYED WAGE AND SALARY EARNERS, SOUTH AUSTRALIA — SECTOR AND INDUSTRY

Industry	Number of employees (^{'000})						Gross earnings	
	September 1991	June 1992	July 1992	August 1992		September 1992	September Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Manufacturing	93.1	87.3	81.8	64.0	18.9	82.9	82.6	608.7
Electricity, gas and water; Construction	16.5	12.0	12.2	10.0	2.4	12.4	12.0	88.1
Wholesale and retail trade	104.4	95.4	94.4	49.3	45.9	95.1	93.7	442.5
Transport and storage	13.0	*15.2	*13.7	*10.9	2.7	*13.6	*13.6	*102.0
Finance, property and business services	42.1	46.9	45.9	20.4	25.6	45.9	46.0	297.5
Banking	5.1	4.9	4.9	1.9	2.9	4.8	4.8	34.5
Non-bank finance, investment and insurance	10.6	11.3	11.8	4.6	7.3	11.8	12.0	80.7
Property and business services	26.5	30.8	29.2	13.8	15.4	29.3	29.2	182.2
Community services	55.6	45.3	43.7	13.9	32.1	46.0	45.1	245.0
Health	31.3	26.3	25.0	3.1	22.1	25.3	25.4	137.8
Education, museum and library services	9.4	*6.6	*6.3	*2.9	*4.0	*6.9	*6.9	*43.3
Welfare and other community services	*14.9	*12.4	*12.3	*7.9	*5.9	*13.8	*12.8	*63.9
Recreation, personal and other services(a)	32.9	28.1	28.7	12.3	16.6	28.8	28.7	120.0
Total all industries(b)(e)	360.8	332.4	323.0	183.0	144.5	327.4	324.4	1,932.4
PUBLIC								
Manufacturing	3.3	3.2	2.9	2.7	0.3	3.0	3.0	22.4
Electricity, gas and water; Construction	14.3	13.3	13.2	11.5	1.5	13.1	12.9	117.1
Wholesale and retail trade	*0.2	*0.3	*0.3	*0.2	*0.1	*0.3	*0.3	*2.5
Transport and storage	9.2	8.3	8.2	7.1	0.8	7.9	7.8	85.7
Communication	8.5	8.5	9.3	6.5	2.0	8.6	8.6	78.9
Finance, property and business services	10.1	9.8	9.8	4.5	5.2	9.7	9.7	71.8
Banking	5.7	5.9	5.8	2.7	3.1	5.8	5.7	42.3
Non-bank finance, investment and insurance	2.3	1.9	1.9	0.8	1.1	1.9	1.9	15.3
Property and business services	2.0	2.1	2.1	1.1	1.0	2.1	2.1	14.2
Public administration and defence(c)	19.6	19.9	19.9	12.5	7.4	19.9	19.9	151.2
Community services	78.5	80.3	79.2	31.0	47.8	78.9	79.6	642.2
Health	32.0	30.5	29.4	7.3	22.0	29.3	29.2	206.6
Education, museum and library services	34.4	36.0	35.9	14.1	21.6	35.7	36.6	308.2
Welfare and other community services	12.2	13.8	13.9	9.7	4.2	13.8	13.9	127.4
Recreation, personal and other services	*3.8	2.6	2.5	1.0	1.6	2.6	2.5	16.2
Total all industries(d)(e)	148.8	147.1	146.2	77.8	66.9	144.7	145.2	1,196.7

See footnotes at end of table.

TABLE 15. EMPLOYED WAGE AND SALARY EARNERS, SOUTH AUSTRALIA — SECTOR AND INDUSTRY—continued

Industry	Number of employees ('000)						Gross earnings	
	September 1991	June 1992	July 1992	August 1992		September 1992	September Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	
PRIVATE AND PUBLIC								
Manufacturing	96.4	90.5	84.8	66.7	19.3	86.0	85.6	631.2
Food, beverages and tobacco	16.1	18.6	15.6	11.5	4.1	15.6	15.4	106.4
Textiles; clothing and footwear	7.3	5.2	4.2	2.1	2.1	4.2	4.1	27.9
Wood and wood products	4.8	4.4	4.3	3.7	0.6	4.2	4.3	28.0
Furniture and mattresses	2.4	2.5	2.5	2.0	*0.5	2.5	2.7	16.4
Paper,paper products,printing and publishing	8.4	7.5	7.3	5.0	2.6	7.5	7.3	53.9
Chemical, petroleum and coal products	2.3	2.4	2.5	2.1	0.4	2.5	2.5	26.8
Non-metallic mineral products	3.1	3.4	3.3	2.8	0.4	3.2	3.2	26.7
Basic metal products	7.2	5.8	6.2	5.7	0.4	6.1	6.0	58.7
Fabricated metal products	7.3	7.3	5.9	4.9	1.1	6.0	6.0	38.1
Motor vehicles and parts	13.0	13.6	13.8	12.1	1.7	13.9	13.9	107.1
Other transport equipment	2.4	2.4	2.3	2.2	0.2	2.4	2.4	21.2
Other machinery and equipment	15.6	12.1	11.8	9.3	3.0	12.3	12.5	84.9
Miscellaneous manufacturing	6.3	5.3	5.2	3.3	2.1	5.4	5.4	35.0
Electricity, gas and water	9.7	9.1	8.9	8.0	0.9	8.8	8.7	85.0
Construction	21.1	16.2	16.4	13.5	3.0	16.6	16.2	120.2
Wholesale and retail trade	104.6	95.6	94.7	49.5	46.0	95.4	94.0	445.0
Wholesale trade	31.5	36.8	35.0	21.9	12.6	34.5	34.3	204.7
Retail trade	73.1	58.8	59.8	27.6	33.4	60.9	59.7	240.2
Motor vehicles, petrol, tyres	15.6	12.6	13.2	10.9	2.1	13.1	12.1	72.3
Other retail trade	57.5	46.3	46.5	16.6	31.2	47.8	47.7	167.9
Transport and storage	22.3	23.5	*22.0	*18.0	3.5	*21.5	*21.3	*187.7
Road transport	10.1	10.2	9.5	8.5	1.3	9.8	9.7	71.7
Other transport and storage	12.1	13.3	*12.4	*9.5	2.2	*11.8	*11.6	*116.0
Communication	8.7	8.5	9.3	6.5	2.0	8.6	8.6	78.9
Finance, property and business services	52.2	56.8	55.7	24.9	30.7	55.7	55.7	369.3
Banking	10.7	10.7	10.7	4.7	5.9	10.6	10.6	76.8
Non-bank finance and investment	3.6	5.8	6.5	2.5	4.0	6.5	6.6	45.7
Insurance and services to insurance	9.2	7.3	7.2	2.9	4.3	7.2	7.3	50.3
Property and business services	28.6	32.9	31.3	14.9	16.4	31.3	31.3	196.4
Public administration and defence(c)	19.6	19.9	19.9	12.5	7.4	19.9	19.9	151.2
Commonwealth government admin.	*5.8	5.6	5.2	2.4	2.9	5.2	5.2	43.7
State government admin.	4.1	4.6	5.1	3.5	1.5	5.1	5.0	43.1
Local government admin.	8.2	9.1	9.0	6.1	2.8	8.9	9.1	59.6
Other public admin. and defence(c)	1.5	0.6	0.6	0.4	0.2	0.6	0.6	5.0
Community services	134.1	125.6	122.9	44.9	79.9	124.8	124.7	887.2
Health	63.3	56.8	54.4	10.4	44.1	54.5	54.5	344.4
Education, museum and library services	43.7	42.6	42.2	17.0	25.7	42.7	43.5	351.5
Welfare and other community services	27.1	26.2	26.2	17.6	10.1	27.7	26.6	191.3
Recreation, personal and other services(a)	36.7	30.6	31.1	13.3	18.1	31.4	31.3	136.2
Entertainment and recreational services	8.0	8.5	8.6	4.1	4.2	8.2	8.1	42.8
Restaurants, hotels; personal services	28.7	22.1	22.6	9.2	14.0	23.2	23.2	93.4
Total all industries(d)(e)	509.6	479.5	469.2	260.8	211.3	472.1	469.5	3,129.1

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to Communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting. (e) Includes employees classified to mining.

TABLE 16. EMPLOYED WAGE AND SALARY EARNERS, WESTERN AUSTRALIA — SECTOR AND INDUSTRY

Industry	Number of employees ('000)						Gross earnings	
	September 1991	June 1992	July 1992	August 1992		September 1992	September Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	21.7	23.5	21.6	18.4	3.1	21.4	21.4	275.9
Manufacturing	56.8	58.7	61.4	47.1	13.8	60.9	61.3	466.9
Electricity, gas and water; Construction	24.3	24.8	24.5	21.0	3.9	25.0	24.0	226.4
Wholesale and retail trade	104.5	109.3	110.1	60.6	49.6	110.2	110.6	570.2
Transport and storage	15.0	13.2	12.1	9.2	3.5	12.7	12.6	92.3
Finance, property and business services	49.1	50.6	52.4	25.1	28.8	53.9	53.2	389.2
Banking	6.5	6.8	7.6	2.9	4.6	7.5	7.4	59.2
Non-bank finance, investment and insurance	9.4	10.9	9.8	4.2	5.7	9.8	8.8	69.0
Property and business services	33.2	33.0	35.0	18.0	18.6	36.6	37.0	261.0
Community services	44.4	53.2	55.7	19.0	37.5	56.5	56.5	316.6
Health	21.4	26.5	26.0	4.5	22.1	26.6	26.6	139.2
Education, museum and library services	8.8	9.8	9.0	*4.0	5.1	9.1	9.2	45.7
Welfare and other community services	*14.2	16.9	20.7	*10.5	10.3	20.8	20.8	131.8
Recreation, personal and other services(a)	36.4	37.6	46.5	19.7	24.8	44.5	46.9	175.9
Total all industries(b)	352.5	371.0	384.5	220.1	165.1	385.3	386.6	2,514.3
PUBLIC								
Agriculture, forestry, fishing and hunting	1.6	1.5	1.5	1.2	0.4	1.5	1.5	12.9
Manufacturing	1.7	0.5	0.6	0.5	0.2	0.8	0.8	4.7
Electricity, gas and water; Construction	14.6	13.4	13.5	12.0	1.4	13.5	13.6	123.8
Wholesale and retail trade	0.4	0.5	0.5	0.3	0.2	0.5	0.5	4.1
Transport and storage	10.3	9.5	9.3	8.3	1.0	9.3	9.3	76.3
Communication	9.4	9.4	10.1	6.7	2.5	9.2	9.2	82.2
Finance, property and business services	9.7	9.7	9.7	4.2	5.5	9.7	9.7	65.6
Banking	6.7	6.5	6.4	2.5	3.9	6.4	6.4	37.6
Non-bank finance, investment and insurance	1.4	1.4	1.4	0.6	0.8	1.4	1.4	12.4
Property and business services	1.6	1.8	1.8	1.1	0.7	1.8	1.8	15.6
Public administration and defence(c)	25.6	27.6	26.9	16.5	10.6	27.1	27.0	207.2
Community services	84.9	86.2	86.0	32.7	52.7	85.5	87.8	688.7
Health	29.9	29.8	29.4	8.1	21.5	29.7	29.7	235.3
Education, museum and library services	41.5	42.9	43.7	15.0	27.5	42.5	44.7	324.1
Welfare and other community services	*13.5	13.5	12.9	9.5	3.8	13.3	13.4	129.3
Recreation, personal and other services	2.1	1.9	1.9	0.9	1.0	1.9	1.9	12.9
Total all industries	160.4	160.3	160.0	83.4	75.5	159.0	161.2	1,278.4

See footnotes at end of table.

TABLE 16. EMPLOYED WAGE AND SALARY EARNERS, WESTERN AUSTRALIA — SECTOR AND INDUSTRY—continued

Industry	Number of employees ('000)						Gross earnings	
	September 1991	June 1992	July 1992	August 1992		September 1992	September Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	
PRIVATE AND PUBLIC								
Mining	21.7	23.5	21.6	18.4	3.1	21.4	21.4	275.9
Manufacturing	58.5	59.2	62.0	47.6	14.1	61.7	62.0	471.6
Food, beverages and tobacco	12.3	13.5	13.5	9.1	3.9	13.0	13.1	94.1
Textiles; clothing and footwear	2.4	2.4	2.5	1.0	1.6	2.6	2.7	15.4
Wood and wood products	4.0	2.1	4.0	3.3	*0.8	4.0	4.0	25.2
Furniture and mattresses	3.1	*2.0	*2.3	*1.9	*0.3	*2.2	*2.3	*13.5
Paper,paper products,printing and publishing	8.1	6.8	6.4	3.4	3.0	6.4	6.2	39.1
Chemical, petroleum and coal products	3.3	4.3	3.9	3.1	0.8	3.8	3.9	39.1
Non-metallic mineral products	4.2	4.3	3.8	3.4	0.4	3.8	3.9	34.0
Basic metal products	4.5	4.5	5.5	5.0	0.5	5.5	5.5	59.4
Fabricated metal products	6.7	6.3	7.0	6.6	0.8	7.4	7.3	50.5
Transport equipment	2.6	2.9	3.0	2.4	0.5	2.9	2.9	22.3
Other machinery and equipment	5.2	7.9	7.7	6.5	1.0	7.5	7.7	61.0
Miscellaneous manufacturing	2.2	2.3	2.5	2.0	0.5	2.5	2.5	17.9
Electricity, gas and water	9.9	9.2	9.2	8.3	0.9	9.2	9.3	83.5
Construction	29.0	28.9	28.9	24.8	4.5	29.3	28.3	266.6
Wholesale and retail trade	104.9	109.7	110.5	60.9	49.8	110.7	111.1	574.4
Wholesale trade	31.9	32.3	34.2	24.6	9.7	34.3	34.1	255.9
Retail trade	73.1	77.4	76.3	36.4	40.1	76.5	76.9	318.5
Motor vehicles, petrol, tyres	15.3	19.9	19.3	15.1	3.9	19.0	19.2	117.0
Other retail trade	57.8	57.5	57.0	21.3	36.2	57.4	57.7	201.5
Transport and storage	25.3	22.7	21.4	17.5	4.5	22.0	21.9	168.6
Road transport	8.2	9.0	7.9	7.0	1.5	8.5	8.6	44.7
Other transport and storage	17.1	13.7	13.5	10.4	3.0	13.4	13.3	123.9
Communication	9.8	9.5	10.2	6.8	2.6	9.4	9.4	83.0
Finance, property and business services	58.8	60.3	62.1	29.3	34.3	63.6	62.8	454.7
Banking	13.2	13.2	14.0	5.4	8.5	13.9	13.9	96.7
Non-bank finance and investment	3.9	4.7	4.7	1.9	*2.7	4.6	4.6	32.9
Insurance and services to insurance	6.9	7.6	6.6	2.9	3.7	6.6	5.6	48.6
Property and business services	34.7	34.8	36.8	19.1	19.3	38.4	38.8	276.6
Public administration and defence(c)	25.6	27.6	26.9	16.5	10.6	27.1	27.0	207.2
Commonwealth government admin.	5.2	5.7	5.5	2.9	2.7	5.5	5.5	45.8
State government admin.	7.3	8.4	7.9	5.1	2.9	8.0	8.0	75.4
Local government admin.	11.4	11.8	11.8	7.6	4.2	11.9	11.9	70.1
Other public admin. and defence(c)	1.6	1.7	1.7	0.9	0.8	1.7	1.7	15.9
Community services	129.3	139.4	141.7	51.7	90.2	141.9	144.2	1,005.3
Health	51.2	56.3	55.4	12.6	43.6	56.3	56.3	374.4
Education, museum and library services	50.4	52.8	52.8	19.1	32.5	51.6	53.8	369.8
Welfare and other community services	27.7	30.4	33.6	20.0	14.0	34.1	34.1	261.1
Recreation, personal and other services(a)	38.4	39.5	48.5	20.6	25.8	46.4	48.8	188.8
Entertainment and recreational services	7.2	10.0	17.8	8.4	6.7	15.1	16.5	*72.8
Restaurants, hotels; personal services	31.2	29.5	30.7	12.2	19.1	31.3	32.3	116.0
Total all industries(d)	512.9	531.2	544.6	303.6	240.7	544.2	547.8	3,792.6

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to Communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.

TABLE 17. EMPLOYED WAGE AND SALARY EARNERS, TASMANIA — SECTOR AND INDUSTRY

Industry	Number of employees ('000)						Gross earnings	
	September 1991	June 1992	July 1992	August 1992		September 1992	September Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	2.1	1.5	1.5	1.4	0.1	1.5	1.5	16.9
Manufacturing	23.4	21.9	21.9	16.8	4.7	21.5	21.3	178.0
Electricity, gas and water; Construction	4.5	4.8	4.4	3.1	0.6	3.7	3.6	25.4
Wholesale and retail trade	27.4	28.1	29.2	15.3	13.2	28.5	29.2	145.7
Transport and storage	3.7	4.3	4.3	3.0	1.3	4.3	4.2	35.1
Finance, property and business services	12.2	11.4	11.1	5.2	6.0	11.2	11.0	70.1
Banking	2.4	2.2	2.2	0.9	1.3	2.3	2.3	15.1
Non-bank finance, investment and insurance	2.9	2.1	1.9	0.8	1.2	2.0	2.0	*13.8
Property and business services	6.9	7.1	6.9	3.5	3.5	7.0	6.8	41.2
Community services	13.9	13.2	13.3	3.2	10.2	13.5	13.8	65.4
Health	7.4	7.2	7.7	1.6	6.4	8.0	8.0	39.3
Education, museum and library services	2.0	1.9	1.8	0.6	1.1	1.7	1.7	10.8
Welfare and other community services	4.5	4.1	3.8	*1.1	2.7	3.8	4.1	*15.3
Recreation, personal and other services(a)	11.2	10.8	10.6	4.4	6.3	10.7	10.9	40.4
Total all industries(b)	98.5	96.0	96.4	52.4	42.5	94.9	95.4	577.0
PUBLIC								
Agriculture, forestry, fishing and hunting	0.7	0.7	0.7	0.6	0.1	0.7	0.7	5.2
Manufacturing	0.2	0.2	0.1	0.1	—	0.1	0.1	1.1
Electricity, gas and water; Construction	5.9	5.7	5.5	4.8	0.6	5.4	5.4	51.6
Wholesale and retail trade	0.2	0.1	0.1	0.1	—	0.1	0.1	0.9
Transport and storage	2.3	2.0	2.0	1.7	0.3	2.1	2.0	19.3
Communication	2.3	2.5	2.8	1.8	0.6	2.4	2.4	23.9
Finance, property and business services	1.5	1.4	1.4	0.7	0.7	1.4	1.4	10.2
Banking	0.7	0.7	0.7	0.3	0.4	0.7	0.7	4.3
Non-bank finance, investment and insurance	0.6	0.6	0.6	0.3	0.3	0.6	0.6	4.6
Property and business services	0.2	0.1	0.1	0.1	—	0.1	0.1	1.3
Public administration and defence(c)	10.5	10.5	9.9	6.1	3.8	9.9	9.9	77.4
Community services	25.0	23.9	26.7	9.6	17.0	26.6	24.6	182.0
Health	10.0	9.3	9.1	2.3	6.9	9.2	9.1	68.4
Education, museum and library services	12.6	12.0	15.1	5.5	9.5	15.0	12.9	90.5
Welfare and other community services	2.5	2.5	2.5	1.8	0.6	2.5	2.5	23.1
Recreation, personal and other services	0.6	0.6	0.7	0.4	0.3	0.7	0.7	5.0
Total all industries	49.3	47.7	49.9	25.8	23.6	49.5	47.3	376.6

See footnotes at end of table.

TABLE 17. EMPLOYED WAGE AND SALARY EARNERS, TASMANIA — SECTOR AND INDUSTRY—continued

Industry	Number of employees ('000)						Gross earnings	
	September 1991	June 1992	July 1992	August 1992		September 1992	September Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC								
Mining	2.1	1.5	1.5	1.4	0.1	1.5	1.5	16.9
Manufacturing	23.6	22.1	22.1	16.9	4.7	21.6	21.4	179.1
Food, beverages and tobacco	5.6	6.1	5.8	3.3	2.2	5.5	5.4	37.4
Textiles; clothing and footwear	1.8	1.3	1.2	0.6	0.6	1.2	1.2	7.5
Wood; wood products and furniture	3.3	3.1	3.2	2.9	0.4	3.3	3.2	21.0
Paper, paper products, printing and publishing	4.7	4.5	4.5	3.6	0.8	4.4	4.4	48.2
Chemical, petroleum and coal products	0.5	0.5	0.5	0.4	0.1	0.5	0.5	4.7
Non-metallic mineral products	0.7	0.7	0.7	0.6	0.1	0.7	0.7	5.6
Basic metal products	3.0	2.7	2.7	2.5	0.1	2.7	2.6	30.3
Fabricated metal products	1.2	1.4	1.4	1.2	0.1	1.3	1.3	8.3
Transport equipment	1.4	0.6	1.0	0.9	0.1	1.0	1.0	9.3
Other manufacturing	1.4	1.3	1.1	*0.8	0.2	1.1	1.1	6.8
Electricity, gas and water	4.0	3.8	3.6	3.2	0.4	3.5	3.6	38.6
Construction	6.4	6.8	6.3	4.7	0.9	5.6	5.4	38.4
Wholesale and retail trade	27.6	28.3	29.4	15.5	13.2	28.7	29.3	146.6
Wholesale trade	7.3	7.8	7.9	5.9	2.0	7.9	7.9	48.6
Retail trade	20.2	20.5	21.5	9.6	11.2	20.8	21.4	98.0
Motor vehicles, petrol, tyres	5.5	4.9	5.3	4.5	*0.9	5.4	5.5	*32.8
Other retail trade	14.8	15.6	16.1	5.1	10.3	15.4	16.0	65.3
Transport and storage	6.0	6.3	6.3	4.7	1.6	6.3	6.2	54.3
Road transport	2.2	2.5	2.4	1.9	*0.5	2.4	2.4	14.4
Other transport and storage	3.8	3.8	3.9	2.8	*1.1	3.9	3.8	39.9
Communication	2.4	2.5	2.8	1.9	0.6	2.4	2.4	23.9
Finance, property and business services	13.7	12.9	12.5	5.9	6.7	12.6	12.4	80.4
Banking	3.1	2.9	3.0	1.2	1.7	3.0	2.9	19.4
Non-bank finance and investment	1.2	1.3	1.2	0.5	0.7	1.2	1.2	6.8
Insurance and services to insurance	2.3	1.5	1.3	0.6	0.7	1.3	1.3	*11.7
Property and business services	7.2	7.2	7.0	3.6	3.5	7.1	6.9	42.5
Public administration and defence(c)	10.5	10.5	9.9	6.1	3.8	9.9	9.9	77.4
Commonwealth government admin.	2.3	2.3	2.3	1.3	1.1	2.3	2.3	19.3
State government admin.	4.1	4.4	3.5	2.0	1.5	3.5	3.4	28.9
Local government admin.	3.5	3.2	3.2	2.2	1.0	3.2	3.2	21.1
Other public admin. and defence(c)	0.6	0.6	1.0	0.6	0.3	1.0	1.0	8.1
Community services	39.0	37.0	39.9	12.8	27.2	40.1	38.3	247.4
Health	17.4	16.5	16.8	3.9	13.3	17.1	17.1	107.7
Education, museum and library services	14.6	13.9	16.9	6.1	10.6	16.7	14.6	101.3
Welfare and other community services	6.9	6.6	6.3	2.9	3.3	6.3	6.6	*38.4
Recreation, personal and other services(a)	11.8	11.4	11.3	4.8	6.6	11.4	11.6	45.4
Entertainment and recreational services	1.4	1.6	1.9	1.0	1.0	2.0	2.0	9.5
Restaurants, hotels; personal services	10.4	9.8	9.4	3.7	5.6	9.4	9.6	35.9
Total all industries(d)	147.7	143.7	146.3	78.3	66.1	144.3	142.8	953.6

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to Communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.

TABLE 18. EMPLOYED WAGE AND SALARY EARNERS, NORTHERN TERRITORY — INDUSTRY

Industry	Number of employees (^{'000})						Gross earnings	
	September 1991	June 1992	July 1992	August 1992		September 1992	September Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
Mining	1.7	1.3	2.4	2.2	*0.3	2.5	2.5	27.2
Manufacturing	3.2	2.0	2.0	1.3	0.6	1.9	1.9	13.3
Electricity, gas and water	1.1	1.0	1.0	0.9	0.2	1.0	1.0	9.8
Construction	*5.6	*4.9	*4.4	*3.5	*1.0	*4.4	*4.5	*30.8
Wholesale and retail trade	10.9	9.9	10.3	5.4	5.5	10.9	11.0	52.6
Transport and storage	*3.5	1.9	2.0	1.6	0.5	2.1	2.0	19.0
Communication	1.0	1.2	1.2	0.8	0.3	1.1	1.1	8.8
Finance, property and business services	*7.7	*6.0	*5.3	*2.8	2.5	*5.4	*5.3	32.6
Public administration and defence(a)	6.1	6.0	6.1	3.3	2.7	6.0	6.1	53.2
Community services	16.8	14.8	15.3	6.3	9.1	15.3	15.4	114.0
Health	5.3	5.0	5.2	1.6	3.7	5.2	5.2	31.5
Education, museum and library services	6.3	5.8	5.6	2.3	3.5	5.7	5.9	49.6
Welfare and other community services	*5.2	*4.0	*4.4	*2.4	*1.9	*4.4	*4.3	*32.9
Recreation, personal and other services(b)	6.4	5.0	5.5	2.5	3.3	5.8	5.9	26.9
Total all industries(c)	64.0	54.0	55.6	30.5	26.0	56.5	56.7	388.1

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (b) Excludes private households employing staff. (c) Includes employees of government agencies classified to Agriculture, forestry, fishing and hunting.

TABLE 19. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIAN CAPITAL TERRITORY — INDUSTRY

Industry	Number of employees (^{'000})						Gross earnings	
	September 1991	June 1992	July 1992	August 1992		September 1992	September Quarter 1992	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
Manufacturing	3.6	4.7	4.1	2.7	1.2	3.9	3.8	28.8
Electricity, gas and water	1.5	1.5	1.5	1.2	0.3	1.5	1.5	13.8
Construction	5.2	5.5	5.5	4.4	1.1	5.4	5.5	47.9
Wholesale and retail trade	16.2	19.1	18.8	9.1	9.7	18.9	18.8	90.8
Transport and storage	3.3	3.3	3.6	2.8	0.8	3.6	3.7	37.0
Communication	2.0	2.0	1.8	1.2	0.7	1.9	1.6	14.2
Finance, property and business services	15.5	16.9	15.5	7.4	8.1	15.4	15.7	112.5
Public administration and defence(a)	37.5	34.4	33.8	19.2	14.6	33.9	33.9	351.8
Community services	34.8	36.3	36.3	13.7	23.3	37.0	37.4	272.2
Health	8.0	7.7	7.6	1.4	6.0	7.4	7.5	*29.7
Education, museum and library services	16.1	17.3	17.0	6.8	10.9	17.6	18.0	140.1
Welfare and other community services	*10.7	*11.3	*11.7	*5.5	*6.5	*11.9	*11.9	*102.3
Recreation, personal and other services(b)	9.5	11.3	13.1	*6.3	6.8	13.2	13.4	*67.5
Total all industries(c)	129.2	135.3	134.2	68.1	66.7	134.8	135.5	1,037.8

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (b) Excludes private households employing staff. (c) Includes Mining and employees of government agencies classified to Agriculture, forestry, fishing and hunting.

TABLE 20. EMPLOYED WAGE AND SALARY EARNERS, PRIVATE SECTOR — EMPLOYER UNIT SIZE(a)

	<i>Less than 20 employees</i>		<i>20-99 employees</i>		<i>100 or more employees</i>		<i>Total</i>	
	<i>August 1992</i>	<i>September Quarter 1992</i>	<i>August 1992</i>	<i>September Quarter 1992</i>	<i>August 1992</i>	<i>September Quarter 1992</i>	<i>August 1992</i>	<i>September Quarter 1992</i>
	<i>Persons ('000)</i>	<i>Gross Earnings (\$m)</i>	<i>Persons ('000)</i>	<i>Gross Earnings (\$m)</i>	<i>Persons ('000)</i>	<i>Gross Earnings (\$m)</i>	<i>Persons ('000)</i>	<i>Gross Earnings (\$m)</i>
AUSTRALIA BY INDUSTRY								
Mining	5.3	50.6	12.6	136.5	55.0	766.0	72.9	953.1
Manufacturing	186.6	1,058.9	195.6	1,413.9	494.1	4,359.4	876.3	6,832.1
Electricity, gas and water	0.3	2.2	0.5	3.9	2.3	20.4	3.1	26.5
Construction	136.6	794.9	37.4	345.8	39.9	488.0	213.9	1,628.8
Wholesale and retail trade	499.8	2,510.5	235.6	1,520.1	455.1	2,370.9	1,190.5	6,401.6
Transport and storage	57.7	319.5	50.5	385.6	43.0	416.8	151.2	1,121.8
Finance, property and business services	266.2	1,706.4	143.3	1,127.3	247.3	2,055.1	656.7	4,888.8
Community services	182.5	1,069.0	132.6	709.3	236.7	1,428.3	551.8	3,206.4
Recreation, personal and other services(b)	184.0	619.4	129.2	555.9	125.8	664.9	439.0	1,840.2
Total all industries(c)	1,519.4	8,133.8	937.5	6,201.2	1,699.5	12,572.4	4,156.4	26,907.1
STATES AND TERRITORIES								
New South Wales	533.6	2,950.5	309.7	2,172.3	625.3	4,856.4	1,468.6	9,979.2
Victoria	404.8	2,140.8	251.6	1,698.5	471.3	3,474.7	1,127.7	7,314.0
Queensland	251.4	1,306.3	139.2	848.4	262.0	1,857.8	652.7	4,012.5
South Australia	113.5	586.9	83.2	494.0	130.7	851.5	327.4	1,932.4
Western Australia	132.8	715.3	101.3	665.6	151.2	1,133.4	385.3	2,514.3
Tasmania	40.4	196.4	22.4	137.3	32.2	243.5	94.9	577.0
Northern Territory	14.3	78.9	14.4	85.0	7.5	46.4	36.2	210.3
Australian Capital Territory	28.6	158.7	15.7	100.1	19.3	108.6	63.6	367.5

(a) See Appendix 2 and paragraph 24 of Explanatory Notes. (b) Excludes private households employing staff. (c) Includes employees of private enterprises classified to Communication.

EXPLANATORY NOTES

Introduction

This publication contains results of the quarterly Survey of Employment and Earnings (SEE) which was introduced in the September quarter 1983. The survey is designed to obtain, from employer units, information on numbers of wage and salary earners employed each month and their quarterly earnings. It replaced the civilian employees series, based principally on information obtained from payroll tax returns, which was discontinued after April 1980.

2. Background information on the reasons for the introduction of this survey is provided in *Information Paper: Review of ABS Employment Statistics* (6239.0) published on 8 July 1981. Further information on the differences in concepts, methodology and coverage of the old and new employment series is provided in *Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies and Overtime* (6256.0) issued on 21 June 1984.

Scope of the survey

3. All wage and salary earners who received pay in any pay period ending within the quarter were represented in the survey, except: members of the Australian permanent defence forces; employees of enterprises in the private sector primarily engaged in agriculture, forestry, fishing and hunting; employees in private households employing staff; employees of overseas embassies, consulates, etc; employees based outside Australia.

4. An indicator of the number of employed wage and salary earners out of scope to the year ended June 1992 is shown in the following table as:

• New South Wales	71,300
• Victoria	42,600
• Queensland	48,900
• South Australia	17,800
• Western Australia	25,700
• Tasmania	7,500
• Northern Territory	3,300
• Australian Capital Territory	9,300
• Australia	226,400

Estimates of the number of employees in private sector agriculture and private households were derived from the Labour Force Survey while data relating to the number of permanent defence force members are based upon information supplied to the ABS by the Department of Defence.

Survey design

5. The survey is conducted by mail each quarter with data collected on monthly number of employees and quarterly earnings. For the first and last month of each quarter, only the total number of persons is collected; for the mid month of each quarter, details of males and females, full-time and part-time are collected.

6. For the *Private* and *Public* sectors, samples of approximately 11,000 private and 2,500 public employer units were selected from the ABS register of businesses to

ensure adequate State and industry representation. The statistical unit for the survey comprises all activities of an enterprise in a particular State. Each statistical unit was classified to an industry which reflected the predominant activity of the enterprise in the State. In a small number of cases where an enterprise had a significant number of employees in more than one industry, a separate statistical unit was created for each industry. Periodically, a review is undertaken to determine whether existing enterprises which are split into separate statistical units should continue to report on that basis. In addition, larger enterprises which are not currently split into separate statistical units are examined to decide whether they should be split for the purpose of reporting their employees. Any changes in reporting arrangements as a result of such review can have an impact on the industry estimates at the time of their implementation. Private sector statistical units are stratified by State, industry, and number of employees. Public sector statistical units are further stratified by institutional sector. An equal probability sample is selected from each stratum.

7. For the March quarter 1988 survey, a new private sector sample was introduced which reduced the number of private sector statistical units selected from 20,000 to 15,000. For the June quarter 1992 the size of the private sector sample was reduced from 15,000 to 11,000 selected units. The new allocation of units within the existing stratification was achieved without significant loss of accuracy in the main estimates. However, the greater than usual change in the sample between the December 1987 and March 1988 quarters and between the March and June quarters 1992 caused increases in standard errors of movement in the estimates between those periods (see paragraphs 11 to 13, below).

8. For the September quarter 1988, public sector sampling was introduced which reduced the number of public sector statistical units from a complete enumeration of approximately 4,000 to a sample of 2,500. This change was also achieved without significant loss of accuracy in the main estimates.

9. From the December quarter 1991 survey, data for a number of Commonwealth Government and ACT Government departments are being collected electronically.

Reliability of estimates

10. Estimates are subject to sampling and non-sampling errors. For more information refer to Appendix 1 - Technical Note.

Interpretation of estimates of movements

11. While estimates of employed wage and salary earners are presented in this publication for each month of the quarter, the survey is conducted quarterly and the sample of employer units is updated each quarter to reflect changes in the ABS register of business units, from which the sample is selected. These changes arise from the emergence of new businesses, takeovers and mergers, changes to industry classification, changes in the number of employees, and businesses which have ceased opera-

tions. Such updating of the register can contribute to sudden changes in the estimates of employed wage and salary earners, and earnings.

12. The ABS has introduced new definitions and rules for recording units on the register with greater emphasis being given to the way organisations are structured and the type of data available from businesses' accounts. In order to correctly apply these new rules, the ABS introduced a program of visits to the largest private and public sector organisations in Australia to obtain up to date information on their structure and operations. The outcome of these visits and the adoption of new units definitions may result in changes over time in the survey estimates, as outlined in paragraph 11 above.

13. Estimates of monthly movements within each quarter arise solely from changes in reported number of employees by employer units but movements between quarters also reflect changes resulting from updating the survey sample.

Seasonal Adjustment

14. Seasonally adjusted series are published in Tables 2, 5 and 11. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be more clearly recognised. Seasonal adjustment does not remove the irregular or non-seasonal influences which may be present in any particular month. Influences that are volatile or unsystematic can still make it difficult to interpret the movement of the series even after adjustment for seasonal variation.

15. The series have been seasonally adjusted from September 1983 and the historical series can be made available on request. The seasonal factors are reviewed annually to take account of each additional year's original data. The most recent review took place in the March quarter 1992.

16. It is possible that the seasonality of employment has been affected to varying degrees by the changed patterns of school holidays in some States. The impact of these changes on seasonally adjusted estimates cannot be assessed at this stage, and such effects are contained in both original and seasonally adjusted series.

17. Details about the method of seasonal adjustment of these series are available on request.

Standard Institutional Sector Classification of Australia (SISCA)

18. SISCA is a system for classifying institutional units by broad economic sectors and is a key component of the general national accounting framework. For the purposes of these statistics the classification has been used to separate public sector enterprises into public business (trading and financial) and general government. Certain public sector data have been classified by SISCA and are presented in Tables 6, 7 and 8.

Comparability of results

19. This series differs in several important ways from the former payroll tax-based civilian employees series, and estimates of employed wage and salary earners obtained

from the Labour Force Survey (LFS). It provides an estimate of the number of jobs occupied by people, whereas the other two series provide estimates of the number of people in jobs. For this series, data are obtained directly from a sample survey of employer units drawn from the ABS register of business units, which is more complete than the coverage provided by employers subject to payroll tax. Comparability with LFS estimates is affected by the use of a different survey methodology and definitions. In addition, because of unavoidable time delays, which can vary across States, lags occur between the birth of new businesses and their appearance on the ABS register. They will not be represented in the sample selected from the register for one or two quarters after such businesses have commenced operation. As a consequence, estimates of movements in this series will lag those produced from the LFS, particularly at a time of upward movement in the business cycle. A detailed description of the comparability between the SEE series, the former payroll tax-based Civilian Employees series and the series provided by the LFS is presented in the *Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies and Overtime* (6256.0). Additional detail on the differences between the SEE and the LFS series appears in the *Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0), and in the supplement to the December 1986 issue of the *Treasury Roundup*.

20. Separate estimates of full-time and part-time employees are included in Table 9. For definitions of these terms, see Appendix 2 - Glossary. This table was first published in the June quarter 1987 issue of this publication and has not been published for previous quarters back to September 1983. This information is available on request. For the reasons outlined above in paragraph 19, it is difficult to compare estimates of full-time and part-time employees derived from the SEE with those produced from the LFS. Generally, the number of full-time employees is higher in the LFS series, and the number of part-time employees is higher in the SEE series. In the LFS, a person who works more than 35 hours a week in total in two (or more) part-time jobs is classified as working full-time. However, in this situation, the SEE would show two part-time jobs as having been filled.

21. The SEE collects total quarterly employee earnings primarily for use in estimating the gross domestic product component of the Australian National Accounts. Whilst average employee earnings can be derived from these data, the results will not be comparable with those from the Survey of Average Weekly Earnings (AWE) published in *Average Weekly Earnings, States and Australia* (6302.0). The SEE collects the sum of employee earnings paid in all pay periods ending in a quarter and the results will be affected by the varying number of pay periods from quarter to quarter, whereas the AWE relates to a specified pay period within a quarter and is not subject to such influences. In addition, certain types of payments within the scope of the SEE, such as retrospective pay, pay in advance, leave loadings and severance, termination and redundancy payments are specifically excluded from the AWE. The SEE earnings data are also subject to seasonal variations particularly in December and March

quarters due to the incidence of holidays taken in January being paid in advance and the earnings being reported in December quarter figures.

22. Prior to July 1983 the number of public sector employees was derived from a variety of administrative sources and published in *The Labour Force, Australia* (6203.0). Public sector employee figures for July 1983 and subsequent months are based on data obtained from government departments and authorities using the same questionnaire, definitions, reference period, collection and processing procedures as for the sample of private employer units.

23. Differences occur between the new and old public sector series because of the changes to collection arrangements, reference period, the treatment of part-time employees and inclusion of public employees in forestry and services to agriculture (11,200 in May 1983). To provide a statistical link between the new and old public sector series, information on the new and old basis for April, May and June 1983 was released in the September quarter 1983 issue of this publication.

Employer unit size classification

24. Data presented in Table 20 show the concentration of employees in employer units in three size ranges. Over a period, the composition of these categories will vary as some employer units migrate from one size group to another due to changes in their employment levels. This will affect changes over time in the distribution of employees by size of employer unit.

Semi-logarithmic graphs

25. Diagram 4 on page 3 has been drawn using a logarithmic vertical scale to facilitate comparisons of rates of growth in series of differing magnitude. Equal distances on the vertical scale (over equal time periods) indicate equal rates of growth.

Related publications

26. Users may also wish to refer to the following publications which are available on request:

The Labour Force, Australia (6203.0) — issued monthly

Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings (6263.0) — issued 11 July 1985

Average Weekly Earnings, Australia (Preliminary) (6301.0) and *Average Weekly Earnings, States and Australia* (6302.0) — issued quarterly

Occasional Paper No. 1986/1: Statistics on Wages, Earnings, Income and Labour Costs — A Guide to Their Concepts, Measurement and Usage — issued June 1986

Labour Statistics, Australia (6101.0) — issued annually

A Guide to Labour Statistics (6102.0) — issued 10 February 1986

Small Business in Australia 1990 (1321.0) — issued September 1991

Labour Force Projections, Australia, 1992-2005 (6260.0) — issued 11 November 1991.

27. Current publications produced by the ABS are listed in the *Catalogue of Publications and Products, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released within the next few days. The Catalogue and Publications Advice are available from any ABS office.

Unpublished statistics

28. In some cases, the ABS can also make available other information which is not published. This information may be made available in one or more of the following forms: microfiche, photocopy, data tape, computer printout, diskette, clerically-extracted tabulation. Generally, a charge is made for providing unpublished information. Inquiries should be made to Errol Preston on Canberra (06) 252 6511, or to Information Services in the nearest ABS office.

Symbols and other usages

— nil or rounded to zero

r revised

* subject to sampling variability too high for most practical purposes. See paragraph 3 of Appendix 1 - Technical Note

Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

APPENDIX 1 - TECHNICAL NOTE

Reliability of estimates

Estimates for both the private and public sectors in this publication are subject to sampling variability because they are based on information relating to a sample of employer units rather than a full enumeration, (i.e. they may differ from the figures that would have been produced if the information had been obtained from all employer units). This difference, called sampling error, should not be confused with inaccuracy that may occur because of imperfections in reporting by respondents or in processing by the ABS; such inaccuracy is referred to as non-sampling error and may occur in any enumeration, whether it be a full count or sample. Efforts have been made to reduce the non-sampling error by careful design of questionnaires, detailed checking of returns and quality control of processing.

2. The sampling error associated with any estimate can be estimated from the sample results. One measure of sampling error is given by the *standard error* which indicates the degree to which an estimate may vary from the value that would have been obtained from a full enumeration (the 'true' figure). There are about two chances in three that a sample estimate differs from the true value by less than one standard error, and about nineteen chances in twenty that the difference will be less than two standard errors.

3. If the standard error of an estimate is large relative to the size of the estimate, the usefulness of that estimate is seriously impaired. For the tables in this publication, estimates with standard errors greater than 25 per cent of the estimate have been labelled with an asterisk.

4. Standard errors of estimates of *level*, by industry, are shown in Table A for the private sector and Table B for the public sector and relate only to the third month of the quarter. As the survey is conducted quarterly from a common sample of employer units, who report details of employees for each month of the quarter, standard errors

on all estimates for total persons employed in each month are of a similar magnitude.

5. Standard errors of estimates of *movements*, provide a measure of the reliability of changes in the level of an estimate. Tables A and B show standard errors for movements in the level of estimates for the private and public sectors respectively for persons between the third month of successive quarters. Annual movement standard errors are also shown and relate to December 1989 - December 1990 movements.

6. An example of the use of standard error on *levels* is as follows. If the estimated number of wage and salary earners was 5,800,000 with a standard error of 34,000, then there would be about two chances in three that a full enumeration would have given a figure in the range 5,766,000 to 5,834,000 and about nineteen chances in twenty that it would be in the range 5,732,000 to 5,868,000.

7. An example of the use of standard error on *movements* is as follows. If the estimated standard error for a quarterly change estimate of wage and salary earners was 15,000 and the quarterly change estimate between two quarters was 40,000 persons, then there would be about two chances in three that a full enumeration would have given a quarterly change estimate in the range 25,000 to 55,000 persons and about nineteen chances in twenty that it would be in the range 10,000 to 70,000 persons.

8. Quarterly movements in estimates of employed wage and salary earners are considered to be statistically significant where they exceed two standard errors.

9. Standard errors for earnings are approximately the same relative size as standard errors for number of employees. Detailed standard errors for both employment and earnings are available on request.

**TABLE A. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES — PRIVATE SECTOR :
STANDARD ERRORS, SEPTEMBER 1992, PERSONS
(^{'000})**

<i>Industry</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Aust.</i>
LEVEL									
Mining	1.2	0.7	2.1	0.2	0.6	0.1	0.5	—	2.6
Manufacturing	5.6	7.5	3.3	1.9	2.3	0.6	0.1	0.2	10.4
Construction	4.9	4.4	3.5	1.4	3.6	0.5	1.9	1.2	8.7
Wholesale and retail trade	14.2	13.6	7.5	5.0	3.2	1.9	0.9	1.4	22.0
Transport and storage	4.4	4.2	2.4	5.6	1.1	0.3	0.2	0.2	8.7
Finance, property and business services	9.6	6.5	5.8	3.3	3.3	0.7	1.4	1.0	13.9
Community services	6.8	8.4	6.9	4.0	3.8	0.9	0.6	1.4	14.1
Recreation, personal and other services(a)	7.3	7.9	5.4	2.6	4.7	0.7	0.5	3.1	13.6
Total all industries	21.7	21.3	14.2	9.8	8.8	2.5	2.7	4.0	36.4
QUARTERLY MOVEMENT									
Mining	0.5	0.3	1.5	—	0.4	—	0.4	—	1.8
Manufacturing	4.7	4.5	3.2	2.8	1.7	0.5	0.1	0.5	8.0
Construction	2.6	3.7	2.5	0.7	1.8	0.2	0.3	0.6	5.5
Wholesale and retail trade	8.5	10.4	5.2	3.5	2.1	1.1	0.6	0.9	15.0
Transport and storage	1.9	2.2	1.3	2.2	1.7	0.2	0.1	—	4.2
Finance, property and business services	5.3	3.4	4.5	2.3	3.0	0.5	0.9	0.7	8.6
Community services	2.8	3.7	4.2	1.5	2.2	0.5	0.4	0.5	6.9
Recreation, personal and other services(a)	4.5	5.1	3.6	1.5	3.8	0.5	0.4	1.7	8.9
Total all industries	12.6	14.1	9.9	5.9	6.4	1.5	1.3	2.2	23.3
ANNUAL MOVEMENT(b)									
Mining	1.3	0.3	1.5	0.2	1.3	—	0.2	—	2.4
Manufacturing	7.4	8.1	4.0	2.5	2.6	1.0	0.3	0.2	12.3
Construction	4.4	9.0	5.2	2.5	2.8	0.6	1.5	0.8	12.0
Wholesale and retail trade	11.3	12.2	8.9	6.8	3.0	1.6	1.4	1.2	20.4
Transport and storage	6.1	2.7	5.5	—	4.0	0.4	0.3	1.5	9.6
Finance, property and business services	13.6	12.1	9.0	2.6	4.6	1.3	1.3	1.4	21.1
Community services	5.3	4.8	4.9	3.7	4.4	4.4	0.9	0.6	11.3
Recreation, personal and other services(a)	8.9	5.6	5.7	1.8	2.2	0.8	1.0	1.0	12.4
Total all industries	23.1	22.4	17.1	9.1	9.3	5.1	2.9	2.8	39.2

(a) Excludes private households employing staff. (b) See paragraph 5 in Appendix 1.

TABLE B. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES — PUBLIC SECTOR :
STANDARD ERRORS, SEPTEMBER 1992, PERSONS
 ('000)

<i>Industry</i>	<i>NSW</i>	<i>Vic.</i>	<i>Qld</i>	<i>SA</i>	<i>WA</i>	<i>Tas.</i>	<i>NT</i>	<i>ACT</i>	<i>Aust.</i>
LEVEL									
Agriculture, forestry, fishing and hunting	—	—	—	—	—	—	—	—	—
Mining	—	—	—	—	—	—	—	—	—
Manufacturing	1.2	1.3	—	—	—	—	—	—	1.8
Electricity, gas and water	0.1	0.7	0.2	0.1	—	0.1	—	—	0.8
Construction	—	0.9	—	—	—	—	—	—	0.9
Wholesale and retail trade	—	—	—	0.2	—	—	—	—	0.2
Transport and storage	0.3	1.0	—	—	0.1	—	—	—	1.0
Communication	—	—	—	—	—	—	—	—	—
Finance, property and business services	1.1	0.6	0.1	0.1	—	—	—	—	1.3
Public administration and defence(a)	1.7	1.6	0.9	0.9	0.8	0.1	—	—	2.8
Community services	1.5	1.4	0.9	0.7	0.9	—	—	—	2.5
Recreation, personal and other services	1.4	—	—	—	—	—	—	—	1.4
Total all industries	1.3	1.9	1.2	0.9	0.2	0.2	—	—	2.7
QUARTERLY MOVEMENT									
Agriculture, forestry, fishing and hunting	—	—	—	—	—	—	—	—	—
Mining	—	—	—	—	—	—	—	—	—
Manufacturing	0.2	0.7	—	—	—	—	—	—	0.7
Electricity, gas and water	—	0.6	—	0.1	—	—	—	—	0.6
Construction	—	0.4	—	—	—	—	—	—	0.4
Wholesale and retail trade	—	—	—	—	—	—	—	—	—
Transport and storage	0.3	0.5	—	—	0.1	—	—	—	0.6
Communication	—	—	—	—	0.1	—	—	—	0.1
Finance, property and business services	0.3	0.3	—	—	—	—	—	—	0.4
Public administration and defence(a)	0.5	0.7	0.8	5.4	0.1	—	—	—	5.5
Community services	3.4	0.4	1.0	0.1	0.2	—	—	—	3.5
Recreation, personal and other services	0.2	—	—	—	—	—	—	—	0.2
Total all industries	3.3	1.7	1.3	5.4	0.2	—	—	—	6.7
ANNUAL MOVEMENT(b)									
Agriculture, forestry, fishing and hunting	—	—	—	—	—	—	—	—	—
Mining	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—
Electricity, gas and water	—	0.1	0.1	—	—	—	—	—	0.1
Construction	—	—	—	—	—	—	—	—	—
Wholesale and retail trade	1.0	—	—	—	—	—	—	—	1.0
Transport and storage	0.1	0.5	0.1	—	—	—	—	—	0.5
Communication	—	0.1	—	—	—	—	—	—	0.1
Finance, property and business services	0.2	0.1	0.1	—	—	0.1	—	—	0.3
Public administration and defence(a)	0.6	1.3	0.7	0.7	0.1	—	—	—	1.7
Community services	1.1	3.0	1.4	0.5	—	—	—	—	3.5
Recreation, personal and other services	0.7	—	—	—	—	—	—	0.1	0.7
Total all industries	1.5	3.3	1.6	0.9	0.1	0.1	—	0.1	4.1

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (b) See paragraph 5 in Appendix 1.

APPENDIX 2 - GLOSSARY

Commonwealth government employees. Persons employed by all departments, agencies and authorities created by or reporting to the Commonwealth Parliament, including trading bodies such as banks, airlines and communications bodies. Those bodies run jointly by Commonwealth and State governments are classified to Commonwealth.

Employer units are the statistical units which make up the population from which the sample was drawn (see paragraph 6 of the Explanatory Notes).

Employer unit size. To derive estimates of employer unit size, each of the approximately 11,000 private sector employer units is allocated a size classification based on the number of employees actually reported for the middle month of the quarter. The size classification reflects the size of an enterprise in a particular State/Territory and not necessarily the size of an enterprise Australia wide.

Full-time employees. Permanent, temporary and casual employees who normally work the agreed or award hours for a full-time employee in their occupation and who received pay for any part of the reference period. If agreed or award hours do not apply, employees are regarded as full-time if they ordinarily work 35 hours or more per week.

General government enterprises. Public sector enterprises mainly engaged in the production of goods and services, outside the normal market mechanisms, providing these goods and services to the general public. The costs of operations are often financed from public revenues. e.g. Government Departments.

Gross earnings. Payments to employees before tax and other items (such as superannuation) are deducted. They comprise ordinary time and overtime earnings; overaward payments; penalty payments, shift and other remunerative allowances; commissions and retainers; bonuses and similar payments; payments under incentive or piecework; payments under profit-sharing schemes; leave loadings; annual and long service leave payments; sick leave payments; advance and retrospective payments; salaries and fees paid to company directors, members of boards, committees, commissions, councils, etc.; amounts paid to employees on workers' compensation who continue to be paid through the payroll; and severance, termination and redundancy payments.

Industry. Industry is classified according to the *Australian Standard Industrial Classification (ASIC) 1983 Edition* (1201.0).

Institutional sector. Institutional sector is classified according to the *Standard Institutional Sector Classification of Australia (SISCA) 1987 Edition* (1218.0).

Local government employees. Persons employed by municipalities and shires and other local authorities created by or subject to the provisions of local government legislation, such as county councils in New South Wales.

Number of employees. All wage and salary earners who received pay for any part of the relevant pay period. All permanent, temporary, casual, managerial and executive employees are included. Part-time and casual employees who may have worked only a few hours during the reference period are included. Employees on *paid* leave and those employees on workers' compensation who continue to be paid through the employer's payroll are also included. Casual employees who work on an irregular basis and who were not paid during the relevant pay period, employees on leave without pay, on strike or stood down without pay for the whole of the pay period are excluded.

Part-time employees. Permanent, temporary and casual employees who are not classified as full-time employees as defined.

Public employees. Administrative employees and all other employees of Commonwealth, State and Local government businesses and financial undertakings engaged in services such as railways, road transport, banks, postal and telecommunications, air transport, education, radio, television, police, public works, factories, marketing authorities, hospitals and welfare institutions.

Public financial enterprises. Public sector enterprises actively involved in financial market transactions such as borrowing and lending. Excluded are those public bodies whose funds flow directly to or from general government revenue.

Public trading enterprises. Public sector enterprises predominately engaged in the production of goods and services with an intention of maximising profits and financial returns with most operating costs being derived from trading activities.

Reference period for the number of employees. The last pay period ending on or before the third Friday in each month.

Reference period for earnings. All pay periods for which the end of the pay period falls within the quarter.

Sector. Public sector includes local government authorities and all government departments, agencies and authorities created by, or reporting to the Commonwealth and State Parliaments. All remaining employees are classified as private sector.

State government employees. Persons employed by all State government departments and authorities created by, or reporting to, State Parliaments, including organisations for which the Commonwealth has assumed financial responsibility, e.g. universities. Following self-government, the Northern Territory and the Australian Capital Territory administrations have been classified to 'State' governments. Employees of State governments employed interstate are included in the estimates of the State in which they are based.

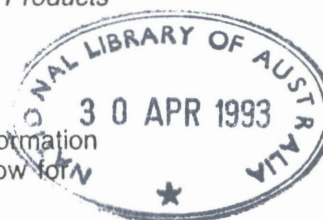


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ISSN 0814-6195